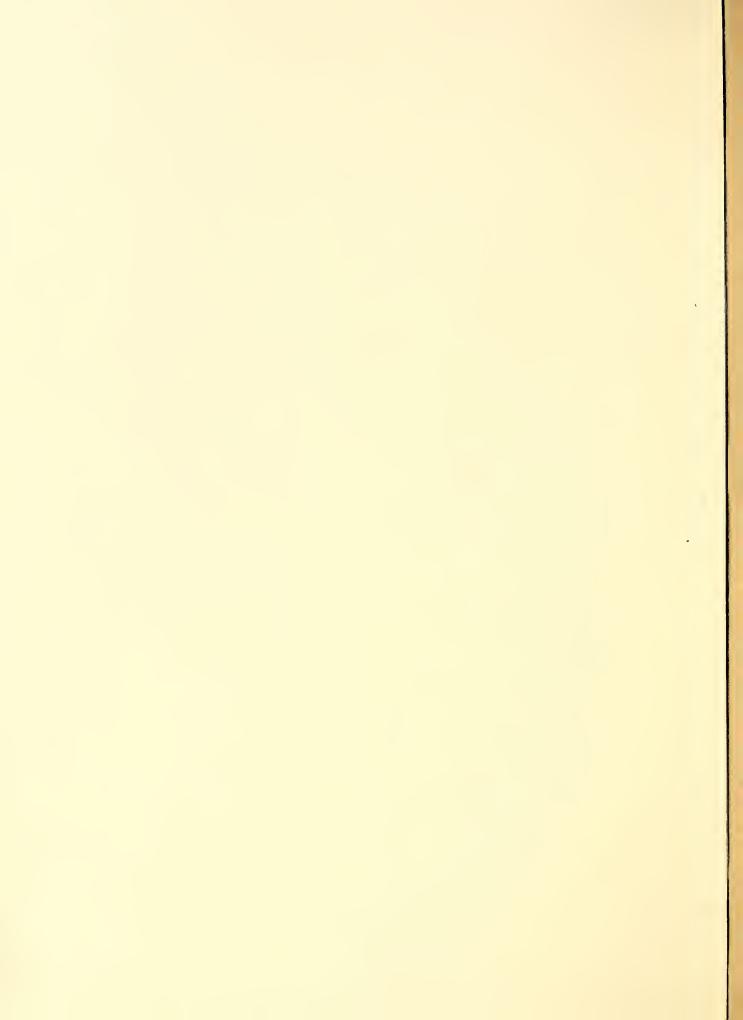
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62,43



# An Iris Lover's Catalog

with

# Iris Map for 1930

.....By.....

# F. X. Schreiner

Saint Paul, Minn.

Route 1, Riverview Station



## **BUSINESS TERMS**

- Shipments—First shipments will be made July 7th and continue through July and August.

  These are the months when rhizomes are in prime condition for transplanting and the best results will be obtained by planting during this period. Collection orders will be filled beginning July 15th. Southern customers may arrange for September deliveries if that seems more desirable.
- Cash With Order—All orders received before June 1st may deduct 5% cash discount; no cash discount after June 1st. Reservation orders will be held and sent balance C. O. D. on a 25% deposit.
- Quantity Discounts—From all prices quoted except varieties marked "L" (limited stock) and from collection offers the following discounts will apply:

  10% discount on orders of \$ 25.00 or over if for 6 or more varieties.

  15% discount on orders of \$ 50.00 or over if for 6 or more varieties.

  20% discount on orders of \$100.00 or over if for 6 or more varieties.

  Discounts may be taken on limited varieties if equal value or more is ordered of regular varieties.
- Wholesale Prices—A complimentary discount of 20% on all orders of \$5.00 and up will be allowed to all growers doing a commercial business of buying and selling Iris who submit sales literature to establish this basis. Excepted from this discount are varieties marked (L) and those subject to quarantine release unless order contains equal amounts of regular varieties.
- True to Name Stock—As an Iris enthusiast it goes without saying that I want to treat you as I would expect to be treated in the matter of roots. Should any mishap take place, I will make good in the full sense. I like to hear from Iris growers on any Iris topic. No substitutions without consultation.
- Postage—Prepaid on all orders of \$2.00 and over. Twenty-five cents postage on smaller orders. Express shipment if postage is not enclosed.
- All Orders Subject to Prior Sale and to change of price if stock is depleted. Right to withdraw any variety from special discount privilege also reserved.

## F. X. SCHREINER

Route 1, Riverview Station

ST. PAUL,

MINNESOTA

Member American Iris Society, American Peony Society, American Gladiolus Society
The Iris Society (England)

Commercial Peony and Iris Growers' Association Reference—WEST ST. PAUL STATE BANK, West St. Paul, Minn.

# Foreword to 1930 Edition



HIS is the third edition of "AN IRIS LOVER'S CATALOG and like all existing things is undergoing change. However, its fundamental purpose remains unchanged; only the methods, the tools, to accomplish our end are changing.

This purpose is to make easy the selection of THE BEST FOR THE LEAST MONEY, to keep a balance between falling headlong for every high-priced novelty and hanging on too long to a variety clearly superseded by an improved form.

This catalog is written by an Iris lover for Iris lovers. There is a difference in the viewpoint as you will discover in going through its pages. Its inspiration is derived from the years of personal efforts to realize every Iris lover's ambition—"To possess every worth while Iris."

It is now ten years that I planted my first Iris. They have been the richest years of an intense business life. Fortunate the man or woman that chooses an avocation in Nature's realm! They reap some of the joys of living intended for every creature called to life but, unfortunately, choked in the hectic struggle for happiness wherein we mistake the means for the end.

During these ten years there has been striking progress in the Iris family. But the end is not yet. There are today, undoubtedly more amateur and professional hybridizers and breeders working on the production of finer varieties than on any other flower family.

I believe I am now giving a world of interesting information to Iris lovers, but there is more in store for those who are willing to support this undertaking with their patronage. (See announcement on back cover of this catalog.) Tell your Iris loving friends about this opportunity.

Yes, I did hope to bring illustrations this year. I bought a complete camera outfit to that end. But soon I found that this was an extensive undertaking requiring ideal windstill days, proper setting and lighting. I would not be satisfied with a few random pictures but I am planning to collect and present something like the year's best hundred. All I can say on this now is "Everything comes to him who waits."

I wish to thank all friends and customers for their past support, their enthusiastic appreciation. Many a letter I wished to reply to personally, but this project being a spare hour avocation, I found no time beyond the proper execution of essentials and the study for proper development.

I realize the shortcomings of this catalog; on every page it shows the signs of haste and pressure which does not allow the proper finishing touch. I hope my friends will take the good intent for lack of performance.

### AGAIN THE IRIS MAP

Some will wonder at the seeming odd application of this word. However, on a little reflection it will be found a very fit designation as applied to the work at hand. This title

was used in the first edition of this catalog in 1928.

A map is a bird's eye view of large and complex areas and serves as a means of orientation as to your whereabouts. This is exactly what the four color group tables or maps of Iris are for us. First you have the complete view, the extent of the particular color field. The outstanding things are noted at a glance, the others in their proper relation. Questions of height, season, hardiness can be noted instantly. Variations as bicolors, blended varieties are noted. In short an effective clear shorthand description.

Supplementing this are a number of descriptive notes bringing out characteristics that cannot be presented in table form. They restore the human touch. Between the two treat-

ments a very complete picture is formed.

This should make Iris selection for those who wish to put in a little study as easy and interesting as it can humanly be made. If your interest in Iris is new and you have no large collection by all means consider the various collections offered on our Collection Pages.

ORIGINATOR—First and second column show originators and year of introduction.

SEASON—indicates flowering season as V E (very early), E (early), M (midseason), M L (medium late), L (late), V L (very late).

HARDY—Those varieties not marked are normally hardy under normal conditions. Those marked (xx) are very tender subject to winterkilling. This is sometimes mistaken for rot. Those marked (x) are semi-tender and benefited by protection.

**HEIGHT**—Varieties marked (T) are upwards of 36 inches tall, (M) 24 to 36 inches tall, (L) under 24 inches. These heights are very fluctuating according to influence exerted by soil, weather, and gerographical preferences.

**RATING**—Symposium rating 1928 by a selected jury of The American Iris Society. First figure gives exhibition rating, second figure Garden rating. One hundred would be perfect. Seventy-five is still a very good Iris. Those not rated were too new or have been introduced after taking of symposium.

**FRAGRANCE**—is indicated by symbol ( ) following name of variety. This record is only partial.

**SYMBOL** (L)—Following the price of a variety indicated limited stock. Only one rhizome of a variety will be sold to one buyer. These varieties are not subject to special trade discounts or dealers discounts unless an equal amount of non limited varieties is included in the order.

**SYMBOL** (\*)—When this star follows price, variety is subject to governmental release and delivery will be made about August 15th.

The above descriptive symbols apply to every one of the four Iris Maps covering the four color groups. Besides this, there are several modifying factors noted in the three columns following price column. These are peculiar to each section and explanation is given with each group.

### GENERAL KEY TO IRIS MAPS

For convenient study, our Iris are grouped in four main color divisions enabling us to keep in view and compare all similar varieties for merit evaluation.

GROUP 1—Blue Toned Lavender or Purples.

GROUP 2-Pink or Red Toned Lavender or Purple.

GROUP 3—Yellow Toned Varieties.

GROUP 4-White Varieties.

Next as each color group is taken up minor details are noted making up smaller groups containing similar varieties. These details will be noted as peculiar to each separate color group.

(a) All light tones. (b) Medium tones. (c) Deep tones. (x) Neutral gray buff.

Each color group is subdivided into three tones anywhere the symbol 1c would mean a deep blue toned Iris or 2b a medium pink or red toned Iris. In fact wherever the above symbols appear in connection with an Iris they will indicate the color and its depth of tone. The symbol (x) is at present only used in connection with the blended yellows.

### THE 100 BEST OR "SUPER IRIS"

These are indicated by bold face capital type. This is a personal selection from the total list of 300 best Iris.

### CLASS I IRIS (Printed in capitals)

There are approximately 200 of these. Together with the 100 Super Iris they constitute the BEST 300 varieties. It is quite impossible to even agree on 100 best Iris. Many allowances must be made for climatic variation, personal preferences in type and color. All experienced Iris lovers will construct their own list of a best 100 from this larger list.

### CLASS II IRIS (Printed in regular Type)

There are approximately 200 of these which with the preceding classes constitute the "BEST 500 IRIS."

### NEW AND TRIAL IRIS

In studying these classes of best Iris also look over the new and trial varieties. These are not included in any of the above classes although many will, no doubt, be eligible. Only varieties that I am personally familiar with are included in the merit classes.

### **CLASS III IRIS**

These might be called the left overs after the 500 best have been culled from the total field. Of course, as the quality in general improves this, Class III also gets better and better as only 500 will be admitted to the select classes. I hardly need explain or apologize for limiting the select classes to 500 for surely whoever essays to amass this collection will have his hands full. At that, this only applies to the tall bearded varieties. It leaves for separate consideration the dwarfs, the miscellaneous species, and the entire beardless section. Surely a benevolent censorship.

Only through a presentation like this does one realize the full grandeur of Iris of today. So great has been the progress in the production of new varieties in the last 10 years that half the flower loving world is hardly aware of the advanced ground reached and is frequently taken off its feet on beholding outstanding examples of the modern Iris.

### GROUP 1—BLUE TONED IRIS

SUPER IRIS (Bold Type) CLASS I IRIS (Capitals) CLASS II IRIS (Regular Type) LIGHT TINTS SECTION 1a Bicolor Self Blended Yellow Red Originator Season Hardy Height Rating Variety Price Hort.....1919 86-85 ANNE PAGE.. ..... \$1.00 . . . . . . . . ANDRE AUTISSIER.... 1.00 84-82 Denis.....1921 ANDRE AUTISSIEL
ARIEL
ARIADNE
ASIA
ASPHODEL
AURIFERO
BALLERINE Mur. 1924 Perry. 1921 Yeld. 1916 Mor. 1926 VE .50 . . . . . . . . . . . . . M 81-76 1.00L . . . . . . . . ..... ...x 92 - 88.75 . . . . . . . . 87-89 3.50 . . . . . . . . . . . . . ·x Mohr-Mit. 1927 M 2.50 90-89 Vilm......1920 .50 . . . . . 74-77 81-82 Sturt......1918 .25 . . . . . . . . . . . . . Farr.....1920 ML50 . . . . . ····· ···X And......1926 96 - 915.00  $\bar{\mathbf{v}}_{\mathbf{E}}$ .50 Dykes.....1923 . . . . . . . . . . . . . ...x Koehler...1924 Mohr-Mit..1926 M .50 . . . **. .** 85-86 1 00 ....x ···x ···· X 87-86 82-84 Mohr-Mit. . 1924 1.00 CORONADO
CORTIDA
CRUSADER
DUKE OF YORK
Dionyza
Dulcinea
E. H. JENKINS
ELAINE Millet . . . . 1914 ....x ······ . . . . . . . . . . Foster . . . . 1913 M 85-85 .35 ····· . . . . . Perry . . . . . 1923 M .35 X X . . . . . . . . . . 2.00 Hort.....1923 78-78 . . . . . Mohr.....1925 80-85 1.00 . . . . . . . . . . . . . . . Bliss.....1919 82-81 . . . . . Shull . . . . 1925 Morr . . . . 1926 88-87 2.00 ELAINE.
Elsa.
EL CAPITAN.
Firmament.
GABRIEL.
Gleam O'Gold.
GLORIAE.
Halo...
HORIZON.
HIDALGO.
HIPPOLYTA.
HYPERION.
JACQUELINE GUILLOT.
KALIF. . . . . . . . . . . . . . . . . . . 82-85 3.50L. . . . . Mohr-Mit.. 1926 86-87 . . . . . . . . . . . . . . . **. . .** 88-87 5.00 . . . . . . . . . . . . . 1.00 Cay...... 1924 Yeld..... 1917 84-78 3.00 83-81 . 35 . . . . . . . . **.** Mor.....1924 3.50 M 87-87 Mohr.....1925 1.00 Hort.....1921 M .50 80-80 . . . . . . . . Bliss.....1921 1.00 . . . . . . . . 82-83 Cay......1924 1.00 KALIF.
Kulan Tith.
LEONATA.
LORD OF JUNE.
LUCIDA.
MADY CARRIERE. Sturt......1924 ML 3.00 . . . . . . . . 77-79 88-78 2.00 Perry.....1923  $\mathbf{E}$ 2.50 Hort......1922 ····· . . . . . M Yeld.....1911 88 - 78.35 . . . . . Calif......1927 M .50 . . . . . . . . . . ..... 80-80 Millet . . . . 1905 . . . . . . . . .25 . . . . . Margery.....MARJORIE TINLEY.... MARY BARNETT..... 2.00 Dean . . . . . 1922 M 83-77 . Perry . . . . . 1923 81 - 81. . . . . . . . . . . . . . . . . . Cumb.....1926 88-90 3.00 . . . . . . . . . . . . . . . . . . X Yeld.....189-Memory..... .50 . . . . . . . . . . . . . Burch. 1927 Millet 1924 Bliss 1917 50 . . . . . . . . . . 80-80 . . . . . . . . 50 . . . . . . . . . . . . . . . 74-79 Koeh.....1924 . . . . . . . . ..... X X ODAROLOC..... And.....1924 Sturt.....1925 90-82 . . . . . . . . . . . . . . . . . . 75 - 80Pearl Blue..... . . . . . Barr.....1898 Sass, H. P. 1927 PRINCESS BEATRICE...  $\mathbf{E}$ 90-90 25 . . . . . . . . . . . . . PURPLE HAZE..... Proteus 3.00
QUEEN CATERINA 25
REALM 10.00
SANTA BARBARA 1.00
SENSATION 5.00
SHYLOCK 3.00 80-80 Hort.....1924 . . . . . 80-88 Sturt......1918 Baker.....1920 Mohr-Mit..1925 . . . . . 91-89 Cay......1925 83-82 Hort.....1922 ...x 

 SH LOCK
 3.00

 SILVERADO
 .50

 SIMONE VAISSIERE
 .75

 SOUV. DE L. MICHAUD
 2.00

 SURPRISE
 10.00L

 Worters Droam
 50

 81-81 85-84 Mohr.....1923 Millet . . . . 1921 . . . . . Millet . . . . 1923 92 - 90Cooley . . . . 1929 M . . . . . 82-83 .50 Western Dream.....YVONNE PELLETIER...  $Weed \dots 1927$ 

79 - 81

#### SPECIAL KEY TO BLUE SECTION (See columns following price)

Millet . . . . 1916

SELF OR BICOLOR—Where a variety is marked (X) in this column it indicates a bicolor of considerable contrast. Where marked (XX) a bicolor of strong contrast. No bol indicates a self or a bicolor of negligible contrast.

BLENDED YELLOW—A blue toned Iris that shows effects of yellow in its color, this first shows in style branches which are more or less yellow, next in yellow bronzed and veined hafts and claws, still further in a bronzing of entire segments in various degrees.

BLENDED RED—Such varieties that are mainly blue but verge towards the border line of red are marked (X) in this column. There may be a red flush overlay on falls or a reddish tinge may permeate the entire flower. The degree is indicated by (X) or (XX).

Now it often happens that in a blue variety both yellow and red influence is present causing a more blended bronze effect. Lent A. Williamson is a variety of this type as is Prospero and Alcazar.

THE BLUEST TONED—It follows from this that a variety not marked for either yellow, or blue blending is of the purest blue tones so far attained in Iris.

MEDIUM TONES SE	ECTION 1b						D11	Di d	
Originator	Season	Hardy	Height	Rating	Variety	Price	Bicolor Self	Blend Yellow	ed Red
Hort1923	ML		M	85-84	ANNE BULLEN	1.00	X	X	
Mor1924	ML		T	87-84	AZRAEL	1.00L	$\tilde{\mathbf{x}}$		
Mohr-Mit1924	M	X	Ť	86-85	BANDOLLERO	.75			
Wmsn1927	M		Ť	85	BRENTHIS	.50	X		
Bliss1917	ML		$\hat{\mathbf{T}}$	76-78	Benbow	.25			
Sturt1928	$\overline{\mathrm{ML}}$		$\hat{\mathbf{M}}$		Bonnie Blue	1.50			
Bliss1921	M		T	84-83	COMMODORE	.50			
Mohr1923	E	X	Ť	89-93	CONQUISTADOR				
Yeld1924	ML		T		DUCHESS SARAH	3.50	X		
Yeld1918	$\overline{\mathrm{ML}}$		M	72-72	Emir	.50	$\overline{\mathbf{X}}$	X	
Perry 1916	M		M	84-87	E. A. Bowles				
Perry1921	E		M	84-83	EDEN PHILLPOTTS	1.00			
Hort1921	M	X	M	80-77	Eglamour		X		X
Cay1926	M		T		Ensorceleur	1.50			$\ddot{x}$
G. & K1925	M		Ť	78-79	FORSETTE	.50			
Cay1924	M		M	82-81	Fidelio	2.00			
Cay1927	M		T		Floridor	2.50			
G. & K1927	M		$\hat{\mathbf{M}}$		GANDVICK	3.50	·······································		
Millet 1923	M	XX	M	78-74	Gen. Gallieni	2.50		X	
Dykes1914	Ë		M	75-76	GOLDCREST	.25			
Hort1920	$\widetilde{\mathbf{M}}$	X	T	84–81	HERMIONE		X		X
Vilm1924	ML		Ť	77-77	HUSSARD	.75			
Cay1923	M		$\hat{f T}$		Ideal	1.50			
Bliss1919	M		M	77-83	Isis	.35			
Perry1922	M	X	M	84-83	LADY SACKVILLE	3.50L	XX		
Perry1923	Ë		T	72-78	LADY CHAS. ALLOM	.50			
Dykes1923	vе		M	76–79	Lulworth	.25	X		
Farr1920	$\widetilde{\mathrm{ML}}$		Ť	81-81	Mary Orth	.50	X	X	
Sim1926	M		Ť	78-78	MELROSE	.50	X		
Hort1919	Ë		Ť	79–77	MIRANDA	.25			
Vilm1923	$\widetilde{\mathbf{M}}$		M	75-78	Mrs. Walter Brewster	.50			
Bliss1919	M		Ť	78-81	MRS. TINLEY	.35			
Bliss1919	M		M	73-72	Paladin				
Perry 1923	Ĺ		T	77-82	PERLADONNA				
Sturt 1922	M	X	Ť	81-82	RAJPUT	1.00			x
G. & K1920	Ĺ		M	76-79	RHEINTRAUBE	.50	XX		
Wild1887	ML		Τ̈́	77-77	Trojana	.50	X		X
Bliss1919	M		Ť	84-82	Titan		X		
Bliss1920	M		M	80-83	VIKING	.50			
Wild1886	Ľ		Ť	73-76	Viol. Grandiflora	.25			
Dykes1923	Ĺ	X	$\dot{f T}$	87-87	WEDGEWOOD				
Bliss1923	M	21.	$\dot{f T}$	83-85	YEOMAN	1.00	X		
Perry1923	M		τ̈́		Zilia	.50		• • • • •	• • • • •
1 city1923	IAT	• • • • • • •	1		иша	.00			

### **NEW AND TRIAL IRIS**

Available for 1930 delivery where priced. Varieties marked (\*) subject to Government release August 15, 1930

### SECTION 1a LIGHT AND 1b MEDIUM BLUE TONES

Wallace1929	Apollo1931	Cayeux1922	Monastir1931	Essig 1929	Pacific5.00
Wallace1929	Clytemnestra1931	Cayeux1929	Pigalle1931	Essig 1929	California Blue2.50
Wallace1929	Cydnus1931	Vilmorin1926	Vega2.00	Essig1929	Western Skies5.00
Wallace1929	Milos1931	Vilmorin1926	Andromede3.50	Kirkwood.1929	Blue Banner15.00L
Wallace1929	Samothrace1931	Vilmorin1926	Van Dyck2.50	Loomis1929	Blue Velvet40.00L
Wallace1929	Damascus1931	Vilmorin1928	Paul Veronese5.00	Wmsn1929	Segovia
Wallace1929	Periwinkle1931	Vilmorin1929	Teniers1931	Tuthill1929	Evening Glow5.00
Cayeux1926	Aziyade5.00*	Millet 1923	Gargantua5.00	Ayres1928	Persia30.00L
Cayeux1928	Gericault1931	Millet 1926	Lianesque1931	Dean1929	Violet Lake1.50
Cayeux1928	Isabey1931	Denis1926	Astronome Nord-	Moore1927	Nellie Gray2.00
Cayeux1928	Clement Dubuffe 5.00*		mann3.50*	Moore1927	Mother Machree . 2 . 50
Cayeux1925	Rhana2.50*	Denis1923	Jeannie1931	Muller 1916	Riese von Connern 1.00
Cayeux1927	Salome1.00		Shalbruz1931	Berry1927	Osprey25.00L
Cayeux1926	Deese1.00	Mrs. Dyke 1927	Ladies of Peeling1931	Mead1929	Iriscrest10.00
Cayeux1928	Nemo2.50	Mrs. Dyke 1927		Perry1923	Mona1.00
Cayeux1927	Zampa3.00*	Mrs. Dyke 1927	Quernah1931		Gleam7.50L
Cayeux1927	Marc Aurea2.00*	Yeld1925	Lady of June1931	Allison1929	May Allison3.50L

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### GROUP 1—BLUE TONED IRIS—Continued

DEEP TONES SECTI									
Originator	Season	Hardy	Height	Rating	Variety	Price	Bicolor Self	Blend Yellow	led Red
Sturt1924	M		T	85-85	ACHERON	1.00			XX
G. & K1926	M		M		ALFHEIM	2.50	X	X	X
Vilm1910	M M	$\mathbf{x}$	$_{ m T}^{ m T}$	86–87	ALCAZAR	.25	$\mathbf{X}$	X	$\mathbf{X}$
Mohr-Mit 1926 Mill 1925	$\stackrel{\mathbf{M}}{\mathbf{L}}$		$\dot{f T}$	85–85	ALVARADOAMNERIS	$\begin{array}{c} .75 \\ 2.00 \end{array}$	• • • • •	• • • • •	• • • • •
Hort1921	É	X	Ť	81-81	Antonio	.50	$\ddot{\mathbf{x}}$		X
Mohr1923	$\widetilde{\mathbf{L}}$	$\ddot{\mathbf{x}}$	$ar{\mathbf{T}}$	83-82	Balboa	.50			X
Sass, H. P., 1926	M		M		BUTO	5.00			
Bliss1920	M		T	89-87	Bertrand	1.50	$\mathbf{X}$	$\mathbf{X}$	
Sass, H. P. 1927	M		M	64.60	BALDWIN	5.00			
Bliss1921 Wmgp 1029	M M	• • • • • • •	$_{ m T}^{ m T}$	84-83	Canopus	.75	$\mathbf{X}$	$\mathbf{X}$	X
Wmsn1928 Perry1923	E		M	£2 <b>-82</b>	CINNABAR CASSANDRA	$\frac{5.00}{.75}$		• • • • •	$_{ m X}^{ m X}$
Clev1920	$\widetilde{\mathbf{M}}$		M	72-77	Cavalier	.25	XX		
Sass, J1926	VE		M		Chief	1.00			
Dykes1923	$\mathbf{v}\mathbf{E}$	$\mathbf{X}$	M	73-78	CRETAN	.75	$\mathbf{X}$		X
Baker1924	ML		M		DARIEL	5.00	• • • • •		
Bliss1917	M	• • • • • • • •	M	88-82	DOMINION	2.50	• • • •	• • • • •	37
Bliss1922 Moh <b>r</b> 1924	M M	X	$_{ m T}^{ m T}$	89–87 83–86	DUKE OF BEDFORD ESPLENDIDO	3.00	• • • • •	• • • • •	$\mathbf{X} \mathbf{X}$
Sturt1924	$^{ m M}_{ m L}$		$\dot{ ext{T}}$	82-86	GARNETT	3.50	• • • • •		XX
Mill1924	M		$\hat{\mathbf{T}}$	91-90	GERMAINE PERTHUIS.	3.00		$\ddot{\mathbf{x}}$	X
Burch1923	$\overline{\mathbf{L}}$	• • • • • • •	$ar{\mathbf{T}}$		Ghandi	1.00		$\tilde{\mathbf{x}}$	
Coll1889	$\mathbf{v}\mathbf{E}$		M	74	Germanica Major	.25			
Dykes1923	L		M	79–82	HARMONY	. 50			$\mathbf{X}$
Wmsn1928	M		T	61.60	Hyacinthus	3.00	X	$\mathbf{X}$	$\mathbf{X}$
Mor1922	$^{ m ML}_{ m E}$	• • • • • • •	T M	81-82	JOYA	.75	• • • • •	• • • • •	$\mathbf{x}$
$\begin{array}{ccc} \mathrm{Burch}1924 \\ \mathrm{Denis}1921 \end{array}$	Ë	$\ddot{x}$	L	85-81	JOSHUALouis Bel	$\frac{2.00}{2.50}$	• • • • •	• • • • •	
Wmsn1918	Ē		Ť	88-88	LENT A. WILLIAMSON	.25		$\ddot{\mathbf{x}}$	$\ddot{\mathbf{x}}$
Bliss1923	$\overline{\mathbf{M}}$		${f T}$	88-87	MAJESTIC	1.00	$_{ m X}^{ m X}$	$\widetilde{\mathbf{X}}$	
Perry1923	$\mathbf{L}$		$\mathbf{T}_{\parallel}$	83-83	MESTOR	1.50			
Cay1912	M		M	80-79	Mme. Claude Monet	1.00			
Perry1925	ML	X	T T	82-81	MAY SADDLER	5.00			XX
Perry1923 Bliss1919	$_{\mathbf{M}}^{\mathbf{M}}$		$\overset{1}{\mathrm{T}}$	85–82 90–87	Mentor	3.00	• • • • •	• • • • •	XX
Perry1915	M	X	$\dot{f T}$	90-01	MRS. EDW. HARDING.	5.00			$\ddot{\mathbf{x}}$
Shull 1922	Ĺ		$\hat{f T}$	86-82	NIMBUS	.75	$\ddot{\mathbf{x}}$		
Dykes1923	$\overline{\mathbf{v}}\mathbf{E}$		${f T}$		Octavia	1.00			X
Millet 1920	$\mathbf{ML}$		$\mathbf{\underline{T}}$	76-78	Oliver Perthuis	.25			
Vilm1904	E	$\mathbf{x}$	T	76–77	Oriflame	.35	$\mathbf{X}$	• • • • •	
Verdier1910 Bliss1924	M M		M T	77-80 80-90	Parc de Neuilly	.25	• • • • •	• • • • •	vv
Yeld1924	${f M}{f L}$		$\dot{f T}$	81-82	PIONEER Prospero	$1.50 \\ .25$	$\mathbf{x}$	$\mathbf{x}$	XX X
Sturt1922	M		$\hat{f T}$	70-80	POLARIS	.75			$\hat{\mathbf{x}}$
Hort1920	M		T	79-79	Regan	.50	X		
Perry1923	${f L}$		${f T}$	83-83	ROBT. W. WALLACE	3.00			$\mathbf{X}$
$Yeld \dots 1925$	M		T		SIR MICHAEL		$\mathbf{X}$		$\mathbf{X}$
Millet 1914	E	• • • • • • •	T	91-88	S. D. M. GAUDICHAU	.50	• • • • •		• • • • •
Floore1926	$_{ m M}^{ m L}$		$^{ m T}$	89–84	SORCERER	5.00	• • • • •	• • • • •	• • • • •
Bliss1922 G. & K1926	L L		$\overset{1}{\mathbf{T}}$	89-84	SWAZIThorsten	$\frac{5.00}{1.50}$		$\mathbf{x}$	X
Denis1923	$\ddot{ extbf{L}}$		$\dot{ar{ ext{T}}}$	84-80	27 AVRIL.	1.50			
Shull 1924	$\widetilde{\mathbf{E}}$		$ar{\mathbf{T}}$	85-85	TROPIC SEAS	1.00			
Van N1928	$\mathbf{ML}$		T		VAN CLEVE	3.50L			
Vilm1924	L	• • • • • • •	M	79–81	VELOUTE	.75	• • • •	• • • • •	• • • • •
Mill1923	M	• • • • • • • •	${f T}$	87-82	YOLANDE	1.50	• • • • •	• • • • •	• • • • •
Bliss1924	$\mathbf{L}$		1	85–85	ZULU	5.00			

### NEW AND TRIAL VARIETIES

Available for 1930 delivery where priced.

Varieties marked (\*) subject to Government release August 15th, 1930.

DEEP TONES SEC	CTION 1c				
Wallace1929	Euphrates1931	Sass1927	Jumbo2.00	Essig 1929	Modoc25.00
Wallace1929	Mark Antony1931	Sass1927	Challenger3.00	Mead1929	Ion25.00
Wallace1929	Palaemon1931	Sass1927	Padusoy2.50	Morgan1924	Mt. Royal5.00
Wallace $1929$	Skiathos1931	Vilm1926	Cassiopee2.00	Sim1928	Senatobia2.00
Wallace1929	Sparta1931	Vilm1929	Nicee1931	Arb1928	Lindbergh3.00
Wallace1929	Kedron1931	Vilm1928	Sirius5.00*	Mor1922	Kestrel3.50
Wmsn1928	Hyacinthus3.00	SpitzerKath	arine McFarland7.50	Denis1926	Floreal2.50
Wmsn1929	Alcanna1.00	Shull1929	Nocturne10.00L	Perry1924	Ianthea1.00
Wmsn1929	Alpenglow1.00	Mohr-Mit 1929	San Diego10.00	Dykes1927	Beltane1931
Sagg 1028	Anna Archer 1 00	Van N 1020	Van Cleve 3 50	G & K 1928	Tatum 2.50*

### **CLASS III IRIS**

LIGHT TINTS SECTION 1a		
Albert Victor\$0.25	Drake\$0.75	Marian Mohr\$1.00
Arac 1.00	Gamaliel 1.00	Madonna 1.00
	Class of Itilians	
Argonant	Glory of Hillegon	Moonstone
Aquamarine	Graylin	Nereus
Azure Glow	Heart of Gold	Neptune
Baronet	Harpallion	Nothung
Capt. Coffin	Helena 1.00	Prince Victor
Carthusian	Igouf	Sapphid
Celeste	Ivanhoe	Silver Mist
Clio	Khedive	Shalimar
	Lady Foster	Tartarin 1.00
Dalmatica	Lady Lou 1.00	Volumnia
Dalmarius	La Tendresse	Rotorua
Diane	Mandalay	Virginia Hale
MEDIUM TONES SECTION 1b		
Amas\$0.25	Fritjoff\$0.25	Raffett\$0.25
	Gertrude	
Autocrat	Gray Voile	Rosedale
Autumn King	Hiawatha	Sindjkah
Blue Glory	J. J. Dean	Speed
Benrimo	Juniata	Speedwell
Blue Bird	Kova	Spahi
Blue Jay	La Beute	Stamboul
Blue Lagoon	Leon Trenance	Tidbit
Boy Blue	Mandraliscae	Titural
		Titurel
C. P. Connell	Marsvin	Thallia
Chester Hunt	Merlin	Trosuperba
Clematis	Mistress Ford	Violo
Como	Montserat	Vincentio
Cordon Bleu	Mopsa	W. C. Terry
Dorothea	Petrel	Wm. Marshall
Du Guesclin	Priscilla	Watteau
Dolphin	Princess Royal	Walhalla
	D-composites 25	Wine Wells
	Prosperity	Nine Wells
Florentina Blue	Priv. W. A. Logan	
DEEP TONES SECTION 1c		
Archeveque	Lola	Pensamiento
Beryl	Lady Bountiful 1.00	Petit Vitry
Black Prince	Kharput	Perry's Favorite
Blue Boy	Monsignor	Pendragon
Dryade 3.50	Mrs. E. T. Visseux 1.00	Othello
Demi Deuel	Nibelungen	Tom Tit
Duquesne	Perfection	Warrior
Grenadier	2 0210002021111111111111111111111111111	
Orthadio		

### GROUP 1—BLUE TONED IRIS

TOTTE TENTES SECTION 1.

### Section 1a Light Tints

No Iris lover can look over the columns of the light blue toned Iris without experiencing a thrill of delight. It should be some satisfaction to find the roll call virtually complete. You are not left wondering about this or that variety. You are not tossed about between conflicting recommendations.

These light blue Iris, together with the light pink, should form the bulk of your planting, the background and scenery against which you will plant and display your collection. A star in an opera performance shows off to better advantage with a background of a chorus and scenery than in solo recital, and likewise will our finest Iris.

It is a difficult job to designate a best dozen among so many beauties, but I will try. Souvenir de Loetitia Michaud, El Capitan, Sensation, Asia, Ballerine, Mary Barnett, Candlelight, Asphodel, Odaroloc, Surprise, and Princess Beatrice, Gabriel.

El Capitan—when this Iris becomes better known its stock will rise. It has all desirable char-

acteristics that make a great Iris, and a fine contrasting form to others of the best dozen. It's a fine, bluish lavender.

Loetitia Michaud—height, branching, size, glistening texture, a beautiful soft golden haft make this the premier Iris among the light blue.

Sensation—Enormous size, widely flaring. Originator calls it corn-flower blue. Extra substance; it brings an absolutely new note and type to the garden. Realm is similar slightly deeper blue but not as large.

Asia, that beautiful blend of blue lilac and gold, should be in every Iris garden. It now fits every purse. Coronado is along same lines, but I don't like it as well.

Queen Caterina, Hippolyta, midseason; Yvonne Pelletier, Corrida for late bloom. These all combine beautifully with the pink toned varieties.

A fine quartet are Gabriel, which is said to be the finest of them, E. H. Jenkins, Morwell, and Gloriae. Fine tone and substance; great blooms to be admired individually.

### Fine Blended Varieties

Aurifero is a darker development of the Candlelight type and especially interesting for its color combination.

Elaine—a lovely blue and hazel-to-gold combination.

Queen Caterina—exceedingly soft, blended

tone; another of the indispensables.

Silverado, Mady Carriere, and Cinderella are truly delightful combinations of the blended type.

Bicolors—In these lighter tones most varieties are of course selfs. The following are moderately deeper in falls. They are all large flowered Simon Vaissiere and Lord of June the largest; Anne-Page and Halo are dependable and always take the eye; Shylock is difficult but most crisp and fresh of tone.

Leonata is a difficult Iris for the north but well

worth trying; one of the largest.

Purple Haze is of the type Sensation. Not as tall but has a faint metallic golden haze overspread-

ing.

Late Blooming Varieties are Hyperion, a great spread white venated haft; Jacqueline Guillot, of unusual smoothness; Marjorie-Tinley, very tall and a very different form from most others, thick substance. It displaces Harpallion.

Santa Barbara—a grey, blue tone; rather

opaque; beautiful form and substance.

Oberon seem to me a far more desirable variety than rating or demand indicates. Try it on my recommendation. Wavy lavender gold heart.

Ballerine comes a close rival to Loetitia Michaud for highest honors, of princely bearing, and great substance. It too, should never be omitted from a collection.

Mary Barnett—The finest combination of a pale lavender with intense orange yellow beard. It is an improvement over Duke of York which itself is very fine.

Candlelight—an exquisite pale blue overcast by a pinkish haze with beard, styles, and hafts uniting to form a glowing luminous center.

Asphodel is here for its beautiful sky blue color and fine habit. Elsa is of similar color but different form.

Odaroloc verges towards a pinker tone very free and of pleasing form.

Surprise, an Iris of perfect habit and clear mid blue tone, falls half way between Hidalgo and Duchess Sarah.

Princess Beatrice is classic in tone, texture, and form. Don't omit it.

The Palest Blues—Hidalgo, Andre Autissier, Yvonne Pelletier, Brandywine, Milleress, Mary Barnett, Duke of York.

The Bluest Tones—Yvonne Pelletier, Ariel, Bluet, Claridad, Lord of June, Crusader, Charmian, Sensation, and Realm.

Pale lavender blues with bright golden hearts making for a delightful combination-Mme. Laredo, Gleam O' Gold, Memory, Heart O' Gold.

Some of the Best Massing Iris. These are always of smaller size but bloom in greater profusion making really wonderful effects-Ariel Bluetearly. Corrida late.

### MEDIUM TONED BLUES

### Section 1b

For some reason or another there has been little activity in this medium blue section unless the 1929 offerings of Wallace fit in at this point or the new American offerings of Blue Velvet, Blue Banner, Pacific, etc. These I have not bloomed so do not know whether these are classifiable as light, medium, or dark tones.

My first choice selection here would be: Duchess Sarah, Wedgewood, Hermione, Lady Sackville, Mrs. Tinley, Hussard, Anne Bullen, Gandvick, Bandollero, Yeoman, Rheintraube, Ideal. This constitutes a group of completely diversified types.

Duchess Sarah-There are no finer blue falls to be found than in this Iris. It ranks with the

highest in any color.

Wedgewood is another glorious blue an even tone throughout. Beard nearly white so nothing mars the blue effect. It opens deep, fades and is just as desirable in the lighter tone resulting.

Hermione has faultless form and poise.

falls have a considerable red flush.

Lady Sackville is about the finest sharply con-

trasted bicolor in light and dark blue.

Mrs. Tinley is one of those fluffy, full flowers that we all must like; beautiful even tone.

Hussard has proven a large, tall Iris with us, one of the most satisfactory blues in the garden.

Anne Bullen—another strongly contrasted bicolor, its feature being the red brown haft pattern aside the beards which sets this combination off wonderfully. Emir is a similar Iris to the above.

Gandvick is something new in blues. Very broad petalled, it is best described as a paler grey blue B. Y. Morrison. It will make a great garden variety.

Bandollero is a large, tall, fresh toned variety

better for the garden than Conquistador.

Yeoman—a Dominion bicolor of excellent substance and a fine contrasting light and dark blue combination.

Rheintraube will make the finest blue mass

planting of blue.

Ideal—this is a lovely self toned blue very rare among Iris. Speaking of blue tone, here is the last word. Fidelio is another of the very blue tones.

Perladonna and Forsette will make very fine original toned blue clump and masses. Forsette is a fine companion Iris a little darker, equally tall.

Goldcrest is another very pure toned blue with-

out veining and a striking, large, gold beard.

Conquistador is a large, tall, branching variety more valuable as a breeding Iris than for garden value. Bandollero takes its place for that purpose.

Miranda is fine of form and color and is very

early

Rajput is pretty well on the heliotrope violet red side. This color is quite unique and very pleasing. The branching, height, and poise make it most desirable.

Floridor has a most distinct grey blue color even bluer than Wedgewood. A similar color is Bonnie Blue and Boy Blue, the latter low growing.

Lady Chas. Allom, Commodore, and Viking are three fine toned Iris blooming in above rotation. They have full substance flowers that will please you greatly.

Violacea Grandiflora is a tall, late blooming, variety making fine specimen stalks.

Melrose is a very large Iris virtually a darker Simone Vaissiere. Isis another of the quite blue toned varieties. Benbow is a tall late blooming Sapphid, the intense orange beards very telling.

Brenthis is blended to a degree. It is a far finer Iris than the price would indicate.

Mary Orth is a fine, blended blue with a hazel brown haft.

Eden Phillpotts is an all around blue Iris having an ideal stalk.

Eglamour is a very large, soft toned bicolor. Ensorceleur is also very large and most peculiarly sanded and dotted.

### DEEP TONED BLUES

### Section 1c

The deep, rich, blue purple violet Iris are peculiarly majestic. Nature has very few flowers to offer in these colors.

It is difficult to keep down a first choice to one dozen. However, I will make a try at it: Cinnabar, Germaine Perthuis, Majestic, Pioneer, Swazi, Tropic Seas, Zulu, Buto, Baldwin, Duke of Bedford, Dominion, Sir Michael.

We will first consider a group of Iris usually called Red Purple. They do seem that until we compare them to a Red Purple like Opera and Morning Splendor then they seem decidedly blue. I prefer to call this little sub-group "Violet Purples."

Pioneer is, perhaps, the best representative. It

has a rich tone that all seem to like.

Cinnabar is a most brilliant, dark Iris that arrests the attention of every garden visitor.

Robert W. Wallace is a graceful tall variety with almost black velvety falls.

Mrs. Edw. Harding is another solid violet without noticeable veins or markings.

Garnett—a sprightly tall, neat Iris, making a most excellent accent clump.

Acheron-a beautiful Iris comparing to the

more expensive ones in every way.

Joshua—an early blooming, rich violet of exceptional texture and a deep bronzy violet beard making for a most unusual effect.

Mentor—an improved larger and taller Archevegue variety.

May Saddler—a more bronzy form of the above with a dark beard; fine form.

Polaris-This is an unusual Iris of a self violet

tone; tall and branching.

Harmony—one of the best dark mass Iris, as it is free blooming; all one color including beard.

Octavia-A very early, tall blooming, deep vio-

let purple; an Alberti and Pallida offspring.

Baldwin—a strikingly original Iris in tone; large and long segments, silky texture, a sort of electric blue; an Iris that will linger in your memory.

Balboa—a more mauve form of violet purple,

tall and well branched.

Esplendido—One of those large, tall, imposing California Iris; not quite as deep in color as most of this group.

Sir Michael cannot be classified in a group. It has luminous, vivid, bluish standards over falls that have a heavy overlaid red flush on a blue underground. This combination is then made really effective by deep red brown, close veining in haft and lower edge of falls. This then is crowned by a full, heavy intense orange-red beard-giving the whole flower a vivid intensity besides a lovely combination.

The following sub-group contains those varieties that constitute the nearest approach to blue in this darkest section. It will be noticed that dark standards are more effective at long range view while bicolors invite closer inspection.

Buto—of striking presence giving the effect of the largest, dark blue in the garden; huge, broad segments.

Mestor—another exceedingly rich, blackish bicolor, more blue than R. W. Wallace.

Joya is another deep blue toned Iris with a white haft venation pattern; a very telling color.

Alvarado—a large, well branched, even toned,

free blooming variety.

Dominion has been the most notable break in Iris history. Intensity of coloring, velvety and large size falls, deep rich tones are its qualities.

Duke of Bedford—a glorious upstanding dark Iris giving great effect as a garden clump, blue purple, red flushed. Dark standards make it doubly effective.

Veloute—One of the bluest tones in the dark

section; different type from most others.

Sorcerer—A very late bloomer, the straight up and down falls give it an unusual appearance; color similar to Mme. Gaudichau.

Amneris—One of the choicest late blooming, blue toned Iris; better color than Mme. Gaudichau.

Cretan, Germanica Major, Chief are three early intermediates. Cretan is striking, seeming a black purple from the distance. Chief is even larger, of bluer tone, but has a gray white haft pattern. Germanica Major is another early Iris that makes itself felt in the garden.

Louis Bel is very early, low growing; one of the most blackish tones, yet I do not like its lack

of substance or good form.

Antonio and Oriflamme are two fine, massive bicolors both early blooming, the first having a redder

Swazi—one of the bluest in deep tones is also one of the taller Dominions and of unusually fine finish. Ion is offered as a variation of this type.

Zulu—a real garden addition; a very late blooming, very blue in tone, original fine form, tall, and a Dominion.

Nimbus—a majestic, slaty, blue purple at once noticed in the garden. Ghandi a very late blooming, greyish blue purple; a distinctive addition.

Oliver Perthuis and Parc De Neuilly are two splendid Iris. The first tall and branching, the second matching color with the more expensive varieties. A much overlooked Iris making a mass of darkest hue.

Regan—a fine tall contrasting bicolor of very clear color. Cavalier is a similar color even more intense and contrasting; a wonderful Iris for blue mass planting.

Souv. De Mme. Gaudichau is one of the indispensable Iris. We do not appreciate it half enough because it is cheap. A blue purple tone that is at once noticed. Yolande is a similar somewhat later blooming variety. Some prefer it to Mme. Gaudichau. I do not like its rather coarser haft venation pattern as well. Dariel is another type along this line, smoother finish, a more full compact form, brighter.

The following section shows some influence of yellow in the way of bronzing, browner hafts and more gold in centers. These are mostly bicolors with lighter standards.

Alcazar, Prospero, Lent A. Williamson—these are three grand Iris. After being open a day or so, they look rather similar. Alcazar makes the finest clump. Lent A. Williamson is the richest on opening, Prospero the most free blooming.

Majestic—the most brilliant of this bicolor group; remarkable falls; an Iris for close inspection. It displaces Dryade of similar color.

Cassandra—a rich purple with a brown red haft making for great depth; a richer Alcazar.

Canopus—another Iris on the order of Alcazar; firmer texture.

Bertrand—an uncommonly large Iris with the most velvety smooth toned falls; a rather greyish blue tone.

Thorsten and Alfheim—a new tone of purple with a lilac undertone. Very hardy.

27Avril—of a rich blue tone; very velvety falls.

### NEW AND TRIAL IRIS

### Section 1a Light Blue and Medium Blue 1b

As the originators and introducers descriptions do not indicate in many cases whether a variety is light or medium toned, it is necessary for me to treat these two groups as one until I bloom them. Some of the descriptions even leave me in doubt whether some might not belong in group (c), the darkest tones.

During 1929 there has been a revival in producing blue toned purples. This group has lain rather dormant for several years compared to the red purples.

There are a number of older light blues that I have failed to bloom for one reason or another. These are still carried in the trial section.

From Cayeux's Nursery we have Aziyade (1925). It seems tender, one bloom I saw reminded me strongly of Loetitia Michaud.

There are a number of blue to red bicolors like Marc Aurea (1925), Salome (1927), Zampa (1928), Nemo (1928). All of which I am in doubt about. It seems M. Cayeux's big sucess lies in the bronzed red purple and pink varieties. Sensation being the one notable exception.

The blue varieties offered by M. Cayeux in his art sets intended for massing are of more interest judging by color descriptions. Clement Dubuffe (1928), Isabey (1928), Gericault (1928), Rhana (1925), Pigalle (1929). Colors like flax blue, dove gray, celestial blue, and porcelain blue figure in the descriptions; interesting to say the least.

From Messrs. Denis and Millet we have Gargantua (1923), a tall light blue Ricardi hard to handle. Jeannie (1923) very late lavender blue. Astronome Nordman (1926) a considerably commented on blue. Lianesque (1926) a contrasting blue bicolor.

Vilmorin of Paris during 1926 to 1929 has put out an odd group of Iris, very much blended medleys some inclining to blue, others lilac, others yellow; all large massive blooms. Ones seasons bloom has left me in the air as to their real value. Some are asking high prices. Having a good stock, I will offer a large trial set of these at a bargain price for your opinion. See special collection section. Those inclining to blue are Vega, Andromede, Van Dyke all of 1926, Paul Veronese (1928), Teniers (1929). I hope to bloom these more conclusively this summer.

It was Mr. Wallace who brought us, in 1929, a large group of blue purples. They are Apollo, Clytemnestra, Cydnus, Milos, Samothrace, Periwinkle, Damascus. These are described in the most enthusiastic terms for color, substance, size. They are all growing with us, and we hope at least some will bloom for our July report. There are still darker blues and also red purples in his offerings listed under their respective groups.

Mr. Yeld's Lady of June often read about is now also offered in commerce. It is to be an improved Lord of June. Mr. Murrell offers Aquarelle, a light silvery blue. This exhausts European offerings.

American contributions are scattered over a wide area. First Blue Velvet by Loomis. This is claimed to be the finest blue Iris so far. Blue Banner by Kirkwood also stands high. Pacific and California Blue by Essig, Evening Glow by Tuthill, Persia by Ayres, Iriscrest by Mead, Gleam by Mr. Nicholls. These are all Iris of the highest quality, and we should have a glorious report to make in our summer bulletin.

Osprey by Mr. Berry claimed in Los Angeles section to have it over Loetitia Michaud. Crucible—a greyish lavender.

There remain to be noted Mother Machree and Nellie Gray by Moore pleasing lavenders. May Allison—a double form of Celeste. I am much interested in the mass color effect of this type. Segovia by Mr. Williamson is one of the few blues from that source. Western Skies by Essig is described as an almost sky blue.

### Section 1c Dark Toned

When we read the descriptions of the six apparently dark blue varieties offered by Wallace for 1929, our expectations are indeed of the highest. Palaemon is stated to be the finest blue Iris ever introduced. In this respect it will have to settle conflicting claims with Blue Velvet. Tremendous, substance, satiny texture brilliant blue purples and violet large size, good height are the descriptive terms abounding in the catalog descriptions of Palaemon, Mark Antony, Euphrates, Kedron, Skiathus, Sparta.

The remaining contributions represent nearly as many introducers as varieties. The most notable,

perhaps, are: Katharine McFarland, an especially well branched stalk and finished flower on the color of Parc de Neuilly.

Modoc is offered as another Iris of striking character, very black, of fine, warm, velvety texture. San Diego (Mohr-Mitchell) a larger, improved

Madame Gaudichau.

Ion, by Mead, is stated as a much improved Swazi which is in itself enough description and recommendation.

Mount Royal, by Morgan, also comes well recommended, as does Van Cleve, by Van Name; Nocturne, by Mr. Shull, should prove interesting, Mr. Shull maintaining his usual standard of quality. Lindbergh, by Mrs. Arbuckle, is said to be the best of the types of Rheintraube, Cavalier, etc.

The remaining listed varieties have cast no particular shadow before them, so will have to await their blooming for summer report.

### **CLASS III IRIS**

### Section 1a Light Toned

One would hardly recognize this as a third choice list of Iris. So many good things are there in it. However, a reasonable balance of quality and colors requires that the still better things be given the first places.

Some Iris like Harpallign and Dalmatica are placed here because things like Marjorie Tinley and Princess Beatrice are similar and better. Other varieties like Lady Foster, Marian Mohr, and Volumnia are here because they are tender, poor growers, and taken care of by better, stronger varieties.

### Section 1c Deep Toned

In the earlier days, we had very few of the dark bluish purple so there is no very great list here. A few of the newer types as Lola, and Beryl, though large, have little character so they can be bought cheap from me. Pendragon also is outclassed by similar and better varieties.

### Section 1b Medium Toned

As the older Iris very largely fell into the blue division, we now have a very large class III Iris group. These are really far above third quality, but on the one hand blues in the middle register are not quite as popular right now, a reaction to the earlier dearth of reds. On the other hand in limiting our finer Iris to a total of 500 in all colors a certain balance is necessary. There must be no over balanced representation of any one color.

There are many things of character in this group. Blue Bird, Blue Lagoon, Clematis, for distinctive character. Chester Hunt, C. P. Connell, Boy Blue, Du Guesclin for real blue tone. Gray Voile, Leon Trenance, Mopsa for unique tones of blue. Raffet for extreme lateness. Mandraliscae and Gertrude for earliness. Some of the more recent Iris will be found here, including Autumn King and some new Vilmorin varieties. These I don't think have made the grade but frankly at the prices attached they are all of value.

### THE SANDED AND POWDERED VARIETIES

Those who like these original, dainty types, and I am one of them, will enjoy a gathering of this little group. The forerunners were Mary Garden and Mme. Chobout. They are mostly of creamy to apricot grounds. In the light blues, Princess Osra and Stipples are best examples; Pink and white,

Mrs. Alb. S. Hoyt; cream and rose, La Mierka; Apricot and pink lavender, King Karl, Lona. Similar with more yellow, Jubilee, Loudoun; deeper violet, Cigale. The deepest bronze and white, Castor; Blended, Calibee, Montpelier, Nebulae. These closely merge on the plicata group 4b, which see.

### KEY TO GROUP 2 PINK AND RED TONED IRIS

(See next page)

The three columns following price are headed as follows:

Bicolor or Self—A variety marked (x) in this column is a bicolor of appreciable contrast between standards and falls.

Blended Yellow—The second column shows, marked with an (x), all varieties where yellow is present and modifies coloring. For example, Ed Michel is a red purple without yellow influence. Peau Rouge on the other hand has considerable yellow in its composition, hence the greater bronziness or copper tone. Where (xx) is used the yellow influence is very strong.

Blended Blue—Among the red toned Iris some are on the border line of the blue section. These are marked as "blue blended" in this column. Both the yellow and blue factor of blending may appear in the same flower. In such cases they are marked accordingly.

### GROUP 2—PINK AND RED TONED IRIS

SUPER IRIS (Bold Type) CLASS I IRIS (Capitals) CLASS II IRIS (Regular Type) LIGHT TINTS SECTION 2a Blended Yellow Blue Bicolor Self Originator Season Hardy Height Rating Variety Price Mur.....1927 ALLURE.....\$10.00\*L  $\mathbf{X}$  $\mathbf{X}$ X X 

 Avalon
 1.00

 CANYON MISTS
 2.00

 CATTLEYA
 2.00

 DR. CHAS. MAYO
 1.00

 Sturt......1918 ML86-81 . . . . . Sturt. 1918
Berry 1926
Farr 1926
Fryer 1924
Sturt. 1923
Wmsn. 1927
Cay. 1925
Sturt. 1918
Perry 1923
Sass 1928 . 

 DR. CHAS. MAYO
 1.00

 Dreamlight
 50

 DOLLY MADISON
 10.00

 Distinction
 50

 DREAM
 25

 DEJAH
 25

 INDIAN
 7.50

 Kalos
 35

 LADY BYNG
 75

 Jacinto
 1.00

 81-82 XX 93 - 91X 84-84 ..... Sass. . . . . 1928 Sass, J. . . . 1924 7.50L 80-77 . . . . . . . . . . Bliss.....1922 Berry....1924 80 - 83...x M 80 - 80MARY GIBSON
MARQUISETTE
MIDGARD
LADY LILLIAN
MLLE. SCHWARTZ
MOTHER OF PEARL 
PINK PROGRESSION
Phyllis Bliss
QUAKER LADY
Reverie
RHEA Perry . . . . . 1923 Cay......1926 Sass, H. P...1926 85-86 . 5.00 Sass, H. P. 1926 Burch. 1925 Denis. 1916 Sturt. 1917 Champ. 1922 Bliss. 1919 Farr. 1909 Sturt. 1920 Wmsn. 1928 . . . . . 1.50 ..... X X . . . . . . . . . . .50 88-84 84-84 75-77 78-84 72-75 .25 . . . . . . . . . . . . . . . . 1.00 .... X X . 25 X X X .25 ..... X X 83-82 1.00 Wmsn..... 1928 Mohr-Mit... 1928 G. & K.... 1924 3.00\* 

 Senorita.
 1.50

 RHEINGAUPERLE □
 1.00

 SAN GABRIEL
 2.00

 ROMANCE
 15.00

 TROSTRINGER
 2.00

 WHD DOSE
 75

 M 83-87 ....X Dean. . . . 1921 Mur. . . . 1928 Sass, H. P . . 1926 85 - 84. . . . . ...x M 80-80 Sturt......1921 M WILD ROSE.... MEDIUM TONES SECTION 2b Perry.....1923 Sass-Tdt...1928 79-81  $\mathbf{X}$  $\mathbf{X}$ 1.00  $\ddot{\mathbf{x}}$ . 82-81 Mohr.....1926 Dykes . . . . . 1924 81-88 . . . . . . . . ..... . . . . . Cleve......1923 Cleve. 1923 Sim. 1924 Cay. 1924 Denis. 1923 Perry. 1927 Hall. 1926 Edl. 1928 Bliss. 1924 Sass. 1926 Cay. 1928 Perry. 1923 Mohr-Mit. 1926 Cay. 1926 . . . . . . . . 84-84  $\ddot{\mathbf{x}}$ . . . . . . . . . . 79-75 . 85-87 M M . . . . . . . . . .  $\ddot{\mathbf{x}}\ddot{\mathbf{x}}$ M 68-77 . . . . . M 89-85 Cay.....1926 . . . . . 81-83 Georgia
Georgiana Tinley
Harriet Presby
Hermosa
LAMIA M T Farr......1920 .25 2.00 Perry.....1927 M 82-83 Presby.....1922 M Dean.....1923 1 00 M ..... Sturt.....1927 M 3.5086-82 Denis . . . . 1917 Denis . . . . 1917 Mohr-Mit . . 1927 .75 M ..... 1.00 М 68 - 66MAGNIFICA 
MME. ABEL CHATENAY.

MME. CEC. BOUSCANT.

MME. CHERI

MRS. MARION CRAN. M 1.00 ···x 87-85 .50 Vilm......1920 M Cay......1924 Millet.....1923 Μ 85-86 1.00 . . . . . X X ML89-88 3.50· X Sturt.....1918 Perry....1923 84-83 . 50 2.50 79-79 . . . . . ···x 78-81 NANCY ORNE..... .50XX NAOMI..... 3.00 . . . . . OLIVE MURRELL....OMAHA...ORTRUD.... 2.50L. . . . . 5.00Mor.....1928 Denis.....1916 90-88  $\mathbf{X}$ 7.50L. . . . . . . . . . . . . . . . . . Our King...
PINK LUSTRE 
Prof. Seeliger.
ROMOLA 
Ri-Kochi. 62 - 66. . . . . 81-78 77-77 Gray & Cole 1926 1.00 . . . . . . . . . . Koeh......1923 Bliss.....1924 Dean....1925 5.00 87-89 ..... ..... Koeh.....1923 Weed....1923 Red Riding Hood..... . . . . . . . . . .  $\begin{array}{ccc} \text{RUGAJO} & .25 \\ \text{SIR GALAHAD} & 2.00 \\ \text{SKITCHEWAWG} & 5.00 \text{L} \end{array}$ 75-79 M Shull.....1924 Chase....1928 85-84

### GROUP 2—PINK AND RED TONED IRIS—Continued

MEDIUM TONES SECTION 2b—Continued  Bicolor Blended										
Originator	Season	Hardy	Height	Rating	Variety	Price	Self	Yellow Blue		
Wmsn1926	$\mathbf{L}$		M	83-82	SILVER RIBBON	.75				
Bliss1922	$\mathbf{M}$		T	85-86	SUSAN BLISS	.35				
Bliss1919	L		$\mathbf{T}$	85–87	SWEET LAVENDER	.25		X		
Cay1926	M		T	-::	THAIS	3.50				
Denis1908	M	• • • • • • •	M	78–79	TROOST	.25	X	X		
DEEP TONES BRONZED	PURPLE R	REDS SECTI	ON 2c							
Vilm1920	${f L}$		Т	92-91	AMBASSADEUR	.25	XX	X		
G. & K1927	Ĺ		$\overline{\mathbf{M}}$		AARESHORST	3.50		XXX		
Denis1924	$\overline{\mathrm{ML}}$	X	M		Aurelle	2.00				
Vilm1925	$\mathbf{M}$		$\mathbf{L}$	83-84	ALLIES	3.50		X		
Burch1928	$\mathbf{L}$		$\mathbf{T}$		A. J. Muehlig	3.00		<u></u> . X		
Farr1926	$\mathbf{E}_{\mathbf{E}}$		L	8587	APACHE	1.00		<u>X</u>		
Sturt1926	M		T	• • • •	ARZANI	5.00		X		
Mohr-Mit1926	M	$\mathbf{X}$	f T	00.04	BRAVURABOUREM	.75	• • • • •	• • • • • • • • • • • • • • • • • • • •		
Cay1924 Bliss1922	M M	• • • • • • •	$\dot{\mathrm{M}}$	80-84 91-90	BRUNO []	$\frac{2.00}{3.50}$	X	X		
Bliss1922	M		M	92-90	CARDINAL []	5.00	X	X		
Bunyard 1923	Ľ		M		CASTOR	3.50				
Bliss1922	$\bar{\mathbf{M}}$		T	85-86	CENTURION	5.00		X		
Bliss1921	ML		$\mathbf{T}$	88-85	Conchobar	2.50				
Shull1926	ML		${f T}$		COPPERSMITH	5.00	$\mathbf{X}$	X		
Denis1918	ML	$\mathbf{X}$	$\underline{\mathbf{T}}$		Cornault	2.50				
Mohr-Mit1928	M		$\mathbf{T}$		Colusa	1.00		$\mathbf{X}$ $\mathbf{X}$		
Mor1921	$_{ m L}$		$\mathbf{T}$	82-83	Dusk	1.50		• • • • • • • • • • • • • • • • • • • •		
Verdier1904	$_{ m M}$	X	T	78-81	ED MICHEL	1.50	X	X		
$\begin{array}{cccc} \text{Sturt} 1924 \\ \text{Essig} 1928 \end{array}$	M M	• • • • • • •	f T M	81–84	EmberFirefall	$\frac{1.00}{2.50}$				
Wmsn1926	$^{ m M}_{ m ML}$		Ť	90-88	GEO. J. TRIBOLET	$\frac{2.00}{2.00}$	• • • • •	X		
Perry1923	Ĺ		${f \hat{T}}$	83-85	Geo. Yeld	1.00	XX	XXX		
Sturt1922	$\overline{\mathbf{M}}$		Ĺ		Genghis Khan	.50	X			
Bliss1922	M		M	89-86	GLAMOUR	5.00	X	X		
Cay1928	$\mathbf L$		$\mathbf{T}$		GLUCK	10.00		X		
Bliss1926	M		M		GRACE STURTEVANT			X		
Sturt1923	M		$\mathbf{T}$	87-86	GLOWING EMBERS	2.00	X			
Cay1923	Ļ	• • • • • • • •	T	83-84	IMPERATOR	.50	X	• • • • • • • • • • • • • • • • • • • •		
Perry 1923	$_{ m VE}^{ m L}$	• • • • • • • •	T	05 05	J. C. Weld	1.00	X	• • • • • • • • • • • • • • • • • • • •		
Shull1928 Mor1924	M		$rac{\mathbf{T}}{\mathbf{T}}$	85–85	JULIA MARLOWE	$2.00 \\ .25$		X		
Kerner1887	VE		Ĺ	75-80	KOCHI	.25		v		
Cay1926	M		$f {f T}$	86-87	LABOR	3.50		X		
Shull1926	M		$ar{\mathbf{T}}$	86-87	L'Aiglon	3.00		X		
Vilm1927	$\mathbf{L}$		${f T}$		LE CORREGE □	5.00	XX	X		
Wmsn1927	$\mathbf{E}$		${f T}$		Lerema	.75		X		
Perry 1923	M		$\mathbf{T}$	84-85	Lord Lambourne	.75	X	X		
Dykes1925	УE		M		Lustre		• • • • •			
Cay1927	L	· · · · · · · · ·	M	70.70	MAGENTA		•••••	·····		
$Fryer \dots 1923$ $Burch \dots 1923$	$_{ m L}^{ m ML}$	• • • • • • •	T	79–79	Magnificent	2.50	X	X X		
Berry 1926	M	X	$egin{array}{c} \mathbf{M} \\ \mathbf{T} \end{array}$	85-86	Maid Huron	$\frac{1.00}{7.50}$		X		
Vilm1920	$^{ m M}_{ m ML}$		M	84-87	MEDRANO	. 35		X		
Wallace 1927	ML		Ť		MELCHIOR			X		
Millet1927	ML		$ar{\mathbf{T}}$		MLLE. SUZ. WOOLFREY			XX		
Cay1922	$_{ m ML}$		M	86-85	Mme. Henri Cayeux	2.00		$\mathbf{X}$ $\mathbf{X}$		
Hall1925	$_{ m ML}$		$\mathbf{M}$		MONTOUR	3.50				
Shull1923	M	• • • • • • •	T	91-91	MORNING SPLENDOR	1.00				
Bliss1925	M		T	92-91	MRS. VALERY WEST		• • • • •	X		
Cay1926 Cay1928	M M	• • • • • • • •	M T	• • • • •	Nadia NUMA ROUMESTAN	$\frac{2.50}{10.00}$	• • • • •	X		
Vilm1916	M		M	82-83	OPERA	.25	• • • • •	37		
Perry 1923	M		$\mathbf{T}^{\mathbf{M}}$	80-83	Olympus	1.00		X		
Vilm1926	M		$\hat{\mathbf{M}}$		ORION	3.50		X		
Mor1927	$\mathbf{M}$		$\mathbf{T}$	83-84	OREAD	5.00				
Berry1925	M	$\mathbf{X}$	$\mathbf{T}$		Orizaba	3.50		X		
Cay1925	ML		$\mathbf{M}$		PAVANNE			<u>X</u>		
Dykes1924	M		Ţ	91-89	PEERLESS			X		
Cay1923	M	X	L	78-82	Peau Rouge	1.00		X		
Mor1924 Verdier1914	M M	• • • • • • •	T	90-90 83-84	PETRUCHIO	5.00L	X	X		
Mohr1925	L		M M	80-81	Prosper LaugierRAMELDO	.25 $.50$		X		
Sass, H. P 1926	M		M	00 01	RED WING.	5.00		X		
Sturt1925	M		Ľ	84-83	Red Splendor	1.00		2x		
Bliss1919	M		$\overline{\mathbf{M}}$	80-84	ROSALBA	.25				
Sturt1920	ML		$\mathbf{T}$	82-83	ROSE MADDER	1.00				
G. & K1924	M		M	75-83	ROTA	.75				
Dykes1922	M		T	78-73	RUBYD	.25	• • • •			
G. & K1927	M	• • • • • • • •	T		RUNSTEIN	2.50	·····	X X		
Millet1927 Mohr-Mit1928	М М ·		${f T}$	• • • • •	Ruy Blas	5.00	X	$\mathbf{X} - \mathbf{X}$		
Farr1928	M	• • • • • • • • •	M	83-83	SAN LUIS REYSEMINOLE.	$\frac{4.00}{.25}$	• • • • •	• • • • • • • • • • • • • • • • • • • •		
Shull1926	M		$\mathbf{T}^{\mathbf{M}}$	87–86	SEQUOIAH	5.00				
			-	0.00	~~ V ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	0.00		22		

### GROUP 2-PINK AND RED TONED IRIS-Continued

GROUP 2—PINK AND RED TONED IRIS—Continued											
DEEP TONES BRONZED PURPLE REDS SEC	ΓΙΟΝ 2c—Continued			Bicolor Blended							
Originator Season Hardy Burch1927 M		Variety SCHIAWASSEE	Price 5.00L	Self Yellow Blue							
$egin{array}{cccc} { m Cay1925} & { m ML} & { m} \\ { m Mur1928} & { m VE} & { m} \\ \end{array}$		SOLFERINOStorm		X							
Bliss 1922 E	. M 88–88	TENEBRAE	75	X							
Sturt 1922 L	. T	TroadesTYREAN	$\dots 2.00$	X							
Denis1912 M	. T 79–82	VALERY MAYET	35	X							
	NEW AND T	RIAL VARIETIES									
Varie	Available for 19	30 delivery where priced o Government release August 15	1930								
SECTION 2a LIGHT 2b MEDIUM TONE	ics marked ( ) subject t	o dovernment resease ringust 13	, 1930								
Millet1927 Messaline\$5.00* Millet1929 Hedja1931		Pegase\$2.00 Day Dream10.00		Francheville 1931 Horace Vernet 1931							
Millet 1929 Mlle. Jean Marie 1931	Sturt1929	Airy Dream10.00	Cayeux1928	8 Pantagruel 5.00*							
Millet1926 Herodiade 3.50 Millet1926 La Navarraise 5.00*		Vishnu15.00 Felicity15.00	Cayeux1928	3 Papillion 1931 3 Le Vardar 1931							
Millet1926 La Bohemienne 3.00 Millet1926 Tocatta 2.00	Denis1925 Mead1929	Athenael 5.00* Claret Cup 5.00	Dykes1929	9 Vanora							
Millet       .1926       Loelia       2.00         Millet       .1926       Marouf       5.00	McKinney 1927	Her Rival       .75         Sea Shell       1.50	Dykes1929	Mrs. P. Runciman 1931 Jane Williamson 5.00							
Vilm 1929 Debussy 1931	Hall1924	Serenade 5.00	Wmsn1929	Tusarora 1.00							
Vilm1927       Bellatrix	Cayeux1927	$     \text{Phryne} \dots 3.50 \\     \text{Fascination} \dots 10.00 $		Flamingo 2.00 Rose Ash15.00							
Vilm1928 Aldebaran 5.00* Vilm1928 Leonardo da Vinci 5.00*	Cayeux1928	AnneMarieCayeux 1931 Rose Marie15.00*	Burch1926	Obediah							
Vilm 1928 Mignard 5.00*	Cayeux1929	Frivolite 1931	Sass, H. P. 1929	Rameses10.00							
Vilm1928 Murillo		Polichinelle 1931 Graziella 1931	Sim1928	Rose Petal 1931 Rozanna 2.00							
Vilm1928 Le Titien5.00* Vilm1928 Regulus5.00*		Phedre 1931 Luciane 10.00*	Egelberg1930	Eliz. Egelberg 25.00							
SECTION 2c DEEP TONES											
Cayeux1927 Marotte 2.00		Hernani 1931		O Cupavo							
Cayeux1927 Florian	Wallace1929	Mme. Serouge 1931 Egypt 1931	Vilm1927	' Argos 5.00							
Cayeux1928 Cassandre10.00* Cayeux1928 Don Juan35.00*		Paros		Viroy							
Cayeux1927 Enchantment15.00*	Wallace 1929	Rhodes 1931 Samos 1931		Gloaming 1931 Klamath50.00							
Cayeux1929 Cantilene 1931 Cayeux1929 Depute Nomblat 1931	Wallace1931 '	Tarsus 1931	Kleinsorge 1930	Oregon Giant50.00 Oregon Beauty50.00							
Cayeux1929 Evolution 1931 Cayeux1929 Vert Galant 1931		Senlac 1931 Ackbar 1931	Kirkland 1929	And. Jackson15.00							
Kirkland1929 Morning Glory\$25.00 Kirkland1929 Mary Elizabeth25.00		Monterey\$10.00 Jackrose10.00		O Chianti							
Dan.       1929 Gobelin Red.       1931         Ayres.       1929 Indian Chief.       17.50	Con1929	Dauntless30.00 Grand Monarch20.00		Zamora 1.00 Ragusa 5.00							
Mor1930 Brangaene15.00	Nicholls1929	Fire God 7.50	Sass, H. P. 1928	3.50 Otoe 3.50							
Mor1924 Homer C2.50 Mor1930 Erin5.00		Uncle Remis 5.00 Friar Tuck50	Sturt1930	Nadji 5.00							
	CLAS	S III IRIS									
SECTION 2a LIGHT TONES	02110	S 111 11115									
Aglaia\$1.00 Aurora25		\$0.25 \$25		\$0.75 							
Barrellane	Nathalis		Prince Charmin	g 1.00 .25							
Caterina       .25         C. E. Stringer       1.00	Massena		Thelma Perry.								
Chalcedony 2.00 Cherubin											
Dejazet	Kingscote		Queen of May.								
Delicatissima       .50         Isoline       .25	Opal	1.00	Queen mexandi								
SECTION 26 MEDIUM TONES	~ .	25	D								
Barcarolle         .25           Brilliant         .25	Gules Le Grand Ferre	1.00	Rose Unique								
Carnation	Lancelot		Steepway	1.50							
Cluny	Her Majesty		Timur	2.00							
Chatelet         .25           Deucallion         .25	Ingress May Rose		Titus								
Dianto         .25           Elinor Blossom         .50	Pandora Queen of May		Meditation								
Ensign	Queen Alexandra.										
Firelight											

### CLASS III IRIS—Continued

DEGITOR &C DEET TORRES					
Ambigu	.25	Fedora	.75	Menetrier	1.00
Amosia	.25	Grapta	.75	Mme. Vernoux	.75
Arnols	.25	Germanica	.25	Oporto	.50
Auburn	3.00	Gladys Roberts	.75	Quinda	.50
Austin	.50	Grevin	.25	Red Cloud	.25
Balder	.75	Helvetia	.50	Rev. Wurtele	.25
Boyer		Hemodus	.50	Tamerlane	.25
Caporal	.25	Hautefeulle	.50	Thecla	.75
Caprice	.25	Hesperis	1.00	Waldheim	.75
Circe	.25	Islan	1.00	E. C. Shaw	.35
Col. Candelot		Jacquesiana	.25	Gnome	1.00
Cordelia	.25	Mrs. Cuthbertson	.50	Feronia	.25
Cretonne		Moliere	.25	Tamerlane	.25
Dr. Bernice	.25	Mrs. Cowley	.25	Crimson King	.25
Elberon	.25	Mrs. G. Koehler	.25	Muzeries	.50
Gryer's Glory	.25	Muzeries	.25	Quinda	.50
Fuerstin Loniay	25				

### Section 2b Medium Tones

SECTION 20 DEED TONES

This medium, deep toned section merges closely on the previous lighter section. It is a larger group and falls into three further natural subdivisions under which they are treated in detail.

Before going into the group as a whole, I will state my first choice of a dozen, these are: Esterel, Lamia, Omaha, Susan Bliss, Frieda Mohr, Edgewood, Romola, Pink Lustre, Mme. Cecile Bouscant, Farandole, Fragonard and Mrs. Marion Cran. This list is also widely distinct. No two members could possibly be mistaken for each other.

The first subgroup is that which is nearest the lavender side and the list noticeably pink.

Franklin Beynon—early and large taking the place of Mrs. Alan Grey.

Sweet Lavender—late, of beautiful form, slightly frilled and fine of texture, tone blended by a touch of yellow.

Eventide—a puzzle to describe. It is neither pink nor blue; a greyish mauve of excellent form and substance; a student's Iris.

Sir Galahad—a striking brilliant bicolor that stands out like a beacon in the garden.

Hermosa is a step nearer to pink of fine form

and finish; another restful color.

Amador—a further step towards pink. Iris has a peculiar effect, as though a bluish lacquer had been poured over a pink flower; distinct for that.

Our second group are pinks and reds which contain very little yellow. Aphrodite is a typical example.

Aphrodite—one of the world's interesting Iris, has all good features; tone and texture are quite unique; color might be called a violet rose.

Mrs. Marion Cran—tall, of distinct form, a silvery tone of shell pink. Symposium underrates it.

Thais—similar, though lighter than the above two varieties; different type.

The following are rather pronounced bicolors of the same violet pink tones.

Frieda Mohr and Romola head the bicolor list. They are gorgeous Iris to which it is quite impossible to do justice with a description.

Magnifica, Naomi, Georgiana Tinly, and Arlington are bicolors along the same line. All have different type characters.

Red Riding Hood makes an unusually fine and brilliant mass Iris, as Bluet among the blues.

Acacia Rose is a lovely tone, large petalled Iris

of medium height.

Crimped Beauty has a most unusual tone. This Iris seems to have been entirely overlooked. It is finely branched and tone falls between Amador and Crimson Glow.

Mme. Cecile Bouscant—one of the world's premier Iris. Large, tall branched; tone, a soft old rose with a metallic faint blue flush.

The following varieties show the influence of yellow in their pink. They approach more nearly what we have in mind when we say pink.

Fragonard—This, I think, will prove a lovely pink. It is much warmer in tone and brighter than varieties like Aphrodite and Mrs. Marion Cran.

### **GROUP 2 PINK TONED IRIS**

### Section 2a Light Tints

My first indispensable selection here would be Dream, Rheingauperle, Trostringer, Dolly Madison, Midgard, Allure, Marquisette.

These lighter varieties can again be divided into three smaller subsections. The first is a pink lavender or mauvette.

Avalon—a fine example of form and texture with a quiet tone that is very appealing.

Mlle. Schwartz is another of this type, a little lighter, magnificently branched; an Iris reminding of Loetitia Michaud.

San Gabriel is the brightest and tallest of this In northern sections all three need special attention for best results.

Canyon Mists and Mother of Pearl are still brighter. They have a touch of yellow in their composition giving added life. I think Canyon Mists especially fine.

Lady Byng and Phyllis Bliss are a trifle nearer approach to pink, and are of beautiful form and finish. Lady Byng needs winter protection.

The next subgroup might be called Lavender Pink. While we designated the previous lot Pink Lavender, the distinction, of course, is that the following are one step pinker.

Dream is a classic Iris. Over ten years old it is one of the prettiest pinks today and within everybody's reach. Dreamlight is a lighter edition of this type.

Rheingauperle and Wild Rose are of similar The first is the larger and stronger. The white haft and inconspicuous beards give a tone all their own. These Iris have a very distinctive form.

Dr. Chas. Mayo and Pink Progression are another pair carrying this fine type of pink one tone

deeper.

Trostringer and Kalos are of a very delicate tint, rather a white overlaid with a pink flush. The first is tall. The forms are quite different. As Trostringer is an improvement on Caroline E. Stringer the latter is placed in Class III.

A third subsection contains those lavender pinks that have more or less yellow in their makeup-"Pink Blends."

Dolly Madison gets first honors in this group, a soft mauvette, slightly deeper falls, the most massive, a veritable Dominion among the soft blends.

Midgard will be a great favorite. Of extra substance slightly waved, it attracts attention again and again. There is a quiet, restful air about this Iris.

Allure—a brighter, sprightlier type glistening bright pink to a vivid golden heart; fine to pair with Candlelight which looks quite blue alongside.

Marquisette has been called a shrimp pink. It is a new light tone, more real pink than most others here.

Rhea is a tall, well balanced, large Isoline type

of good substance and very distinct.

Cattleya is a pink bicolor. A difficult combination to describe, but I consider it a color jewel. Quaker Lady is another indispensable variety regardless of age.

Reverie—a fine pink bicolor of exceptionally good form and poise with good haft and center.

Esterel was one of the surprises for me this year. I would put it at the head of this year's pinks. It has the color of Bouscant but lit up with a brilliant gold heart.

Romance is another beautiful blend. It is several shades darker than Allure, or it might be

termed a "Labor" several shades lighter.

Mme. Abel Chatenay, Abenda, and Rugajo are a set of lovely pink blends, colors we love to study in detail.

Susan Bliss has every good quality expected of a garden Iris. The strong gold beard becomes it especially well.

Mme. Cheri and Nancy Orne are another pair of fine blends on the crushed raspberry order.

Lamia leads the lighter pink blends with golden

hearts. Edgewood—another broad petalled beauty, a

Frieda Mohr of a yellow tone of pink.

Pink Lustre—a smaller Iris, but I believe of the most pleasing rose pink tone in the set.

Troost, J. B. Dumas, Silver Ribbon and Our King have very marked personal characteristics and will please any Iris lover.

Evadne, one of the most effective garden Iris, is a metallic rose pink of strong character.

The following varieties show the blending of yellow in a still greater degree where the buff begins to be in evidence.

Belisaire, Ortrud, Apricot each in its way most most interesting, being medleys of color difficult to describe.

Farandole—something new; very light lilac, flushed standards fading almost white: falls-dark. luminous, bronzed crimson purple.

Skitchewawg is another improved type of Iso-

### NEW AND TRIAL IRIS

### Light Pink Section 2a Medium Pink 2b

In this comment the Light Pink Section (a) and the medium deep pink to red (b) are treated as one as the introducers descriptions do not clearly indicate this division.

From the large list accredited to M. Cayeux. we can only cull a few for comment before they bloom. Fascination, an especially bright, improved Aphrodite; Frivolite, an improvement on the excellent Marquisette. Anne Marie Cayeux, an especially rare color combination. The bulk of this list is composed of rosy to amaranth purples and lilacs variously blended with bronzy effects, fawn, gray, rosy heliotrope figures in the standards. They are a continuation of the deeper set described in Section (c).

Mr. Millet also has a considerable list in this color range much blending making it difficult to give an adequate color designation. His plants get started very slow with me, but this blooming season should bring our report up to date. Messaline has been commented on but did not bloom pleasingly with us, this, however, may have been caused by the off season on pinks. A lot of these French descriptions do not call any very definite picture.

Vilmorin, after several years of dusky heavy blended varieties, is working into the pastel pinks. Murillo, Mignard, Le Titien, and others should prove very interesting if the large, broad petalled, full flowers are available in the light and medium blended pinks.

Mrs. Dykes will be noted with three varieties, Rhadi being the Gilt Silver Medal Winner.

Single offerings by various American and European originators are listed. These are all well considered and of high quality. I should bloom most of them this year. Be sure you get the midsummer report.

### Deep Tones Purple Reds Section 2c

We have now reached the deepest toned Red Purple Section, the most sensational of the many groups. It represents the deep base, sonorous notes in our symphony of color; and we wish for words expressive of the feelings we have, when standing before these Iris.

They offer great difficulties in practical classification. The only thing they all have in common is that they are Red Purple and not Blue Purple. But here we have varieties that are miles apart among themselves. For example: Archeveque and Pioneer on the one hand; Ambassadeur, Bruno, Morning Splendor, Grace Sturtevant, and Peau Rouge on the other hand. This is all because of the element of yellow blending. The only way is to subdivide them into smaller groups having approximately the same characteristics.

To help simplify the situation we will transfer what are called Red Purple Varieties, but what I would call Violet Purple Varieties, to the blue side of our table for after all they fit in closer there.

Iris all lean heavily to the red side of purple in the color spectrum. A strict interpretation according to color chart would leave little on the blue side.

Therefore we mus set our dividing line between Red Purple and Blue Purple further on the red side than strictly technical color standards call for. The eye and practical considerations will approve of this.

The result is that we will call Iris like Morning Splendor and Opera as the "type Iris" of the Red Purple Section, and that violet purple Iris like Pioneer and Archeveque will be on the Blue Purple

side hereafter.

Excluding for the present the for me unbloomed novelties of 1928 and 1929 which are still very high in price and untested on a country-wide scale. My first choice of a dozen would be: Mrs. Valery West, Peerless, Sequoiah, Petruchio, Le Correge, Grace Sturtevant, Bruno, Cardinal, Shiawassee, Redwing, Glowing Embers, Julia Marlowe.

I must first touch on several Iris very difficult to place in any class.

Grace Sturtevant—the most pronounced purple brown effect in the garden. The velvet of the falls and the strong gold beards accentuate the color. It stands out like a beacon in the garden, undoubtedly one of the finest Dominions.

Petruchio—a most pleasing and original combination blue toned standards, brilliant red velvet

falls, fine form and carriage.

Le Correge is a flower built much on the lines of Petruchio with a contrasting difference in that the standards are a tawny gold bronze which also shows on the haft of the velvety brilliant red falls. A wonderful pair to plant together.

Melchior is very highly praised in England. As we bloomed it on plants not fully established, it looked a smokier, browner, and bluer combination of red purple than Mrs. Valery West. We leave it in trial section for another year.

Labor is a unique color, a medley of Red Purple with Heliotrope reflections. Everybody should own

this original Iris.

Let us next consider that section showing a lesser degree of yellow influence resulting in a bluer tone of red, if I may put it that way.

I must concede that Mrs. Valery West was the most imposing Iris in our garden the last two years. Its features are a smooth, silky texture and huge size. A few more points and it would be an unbeat-

Peerless, though a slow grower, is a magnifi-The huge segments, the rich brown veined haft give it a touch of perfection.

Mme. Suz. Woolfrey is similar to Peerless except that the standards are a bluer tone of red.

Shiawassee seemed one of the loveliest tones of crimson red that I have seen to date.

Julia Marlowe, a gloriously fresh and youthful

looking Iris, is a rich bicolor.

Cardinal is a flower of remarkable velvet, crimson tone. It, with Bruno, proved to be the greatest pair of Dominion descendents of the first generation, while Mrs. Valery West and Grace Sturtevant are the greatest pair of, we might say, the second generation in a general way.

Oread has a remarkable fresh, crimson tone and lovely form.

Imperator is a vigorous, fine, strong red and so moderate in price that all can now grow it.

Montour and Tyrean are not so large but have

a wonderful deep mahogany purple effect.

Magnificent is Mr. Fryers' last contribution which we can grow for many years in his memory.

Morning Splendor is a rich, large, silky flower which held on its arrival the place of honor as being the best American Iris.

Magenta is a real break in a deep color, a rich full flower adding a new note. A much deeper, richer solid-self Solferino.

Bravura—a large, finely formed, eventoned flower of good substance, rich metallic red.

Solferino—a deeper development of Aphrodite, tall and striking.

Rose Madder—another tall variety with rose tinged stands, and almost crimson falls.

Rota—an intensely bright rosy red.

Rubyd—a most striking garden object. It is all color. Stands out from among a hundred.

Maid Huron is another that is here solely for its

deep interesting color.

Ed. Michel—I cannot spare this fine form and

color when it does well.

Genghis Khan—a very odd tone, quite alone. Pinkish stands and the same tone intensified to almost black in falls.

Red Splendor-a rugged, ruffled flower. Rich

color.

Rosalba—a most valuable mass or clump Iris for a red tone. Don't pass up these smaller ones. They give real garden pleasure.

Troades—a tone quite original. Medium size, flowers very profuse, makes a new tone for mass

planting, tall.

The next is a group of Reds with a trifle more yellow in their makeup giving a somewhat warmer tone of Red purple with traces of bronzing. On the whole there is not a great difference between this and the foregoing section.

Mauna Loa—As we grow it, it is a fine Iris,

again a new tone in the Red Purple Section.

Mr. Shull's trio, Coppersmith, Sequoiah, L'Aiglon are rich splendid Iris well up in Dominion Race quality. My first choice is Sequoiah because of the deeper standards. It has the best carrying color effect of the three and is the richest.

Glamour and Centurion are two fine Dominion

Iris, more brownish bronzed than Cardinal.

Arzani is another rich red bronzed purple of the highest class.

Grand Monarch comes highly recommended as a rich, bronzy red. Fire God has much the same description.

Pavanne is another deeply bronzed, rich, red

purple with very wide segments. Seminole, now cheap, is a wonderfully rich, red

purple for garden effect.

Redwing is one of the finest red toned Iris we have, a color in the direction of Mrs. Valery West, very smooth toned and broad petalled.

Allies—a low growing, but prolific bloomer. It comes too close to Redwing which, according to my taste, outclasses it in every way.

Apache—a lovely tone of rosy, coppery red, of

low stature.

Storm—an early intermediate on the colors of Col. Candelot and Bruno.

Lord Lambourne—a finely formed, tall, red

bronzed Iris that made a name for itself.

Lerema—a tall, free blooming Iris that compares well to the more expensive varieties.

Valery Mayet—a real color gem. A rosy,

brownish, bronzed purple red.

Nadia—a new Cayeux Iris. A larger more open

Opera type.

Karen—a rich bit of color on the order of Opera.

Peau Rouge—the most coppery red, low grow-

ing, but invaluable for color.

Rameldo—the darkest of the strong blended shades. Those liking what we might call Rembrandt tones will like this.

Prosper Laugier—a fiery, bronze red Iris that

always pleases.

Opera—a famous Iris, unbeatable in a rich, deep, violet red garden effect.

The following groups are of a less brilliant, but more sombre dusky hue, brownish black purples. They are mighty interesting because of the far departure into the land of the unusual in flower colors.

Bruno claims our attention first. There is nothing more beautiful in all Irisdom than the falls of this Iris be it color, form, or texture that we consider.

Glowing Embers—this is a glorious Iris. A transition variety between the yellow Variegatas to the red purples. It stands quite alone in color.

Ambassadeur is one of the world's great Iris. The deep, blackish-red, velvety falls have probably made more Iris converts than any other variety because it is within the reach of all.

Geo. J. Tribolet and Tenebrae are of the most brownish black type. Being reasonable, all may

have them.

Orion brings that full massive size and form of the later Vilmorin productions into this color

range. A majestic Iris!

Castor is a gem carrying the interesting sanded and dotted effect of King Karl or Mme. Chobout into the deepest colors which, with the white undertone, makes a splendid effect.

Numa Roumestan and Gluck are very welcome carrying the bright, copper red of Peau Rouge into greater height. Gluck has a unique, bronzed, to-

bacco-brown note.

Medrano a startling, bold Iris giving a brown,

mahogany purple effect when well grown.

Runstein—a difficult, but interesting, blue grey, blended red purple, a redder Nimbus or Ghandi. Interesting form, very worth while.

The following, besides having some blue in their makeup,. also show the presence of yellow in various degrees of blending and bronzing.

Aareshorst—This Iris has the most richly dark metallic effect on the haft of any Iris I know and is very interesting for that.

Ember—a tall, warm-colored Iris.

Geo. Yeld—along lines of Bruno; a quiet, finely blended tone.

Mme. Henri Cayeux—a rich, dark Iris almost blackish, of watered silk texture. If form and substance were as good, it would go in first class.

Colusa—One of those difficult to describe heliotrope violet effects on the order of Opera and Labor

combinations.

This sub-group shows those reds having a trace of blue in their makeup giving them a different tone.

A. J. Muehlig—a fine, tall Iris having a color line all its own; a soft effect and pleasing addition.

Olympus—a type of ruby purple peculiar to Perry's varieties.

Orizaba—an Iris of original type giving new

point and interest to a collection.

Kochi—One of the indispensable very early or intermediate varieties, a blackish red purple texture of watered silk.

### **NEW AND TRIAL IRIS**

### Deep Red Purple Section 2c

Great as is this section now, there are even more sensational things ahead. At present it looks as though M. Cayeux were leading the procession both in quality and quantity. The 1928 offering consist of Nene claimed to be the largest Iris so far produced. Don Juan, a tall flat lilac to garnet, richly bronzed. Enchantment on the same order, darker, wonderful. For 1929 Vert Galant is the high note. Coppery fawn, suffused lilac, garnet red edged bronzed. Other great creations are said to be: Evolution, Depute Nomblot.

Last summer I bloomed of the French imported varieties: Don Juan, Nene, Cassandre, Enchantment. They were not normal as they only arrived in October and were carried over in a frame, but they bloomed well enough to judge color combinations. I carried to these, stalks of Arzani, L'Aiglon, and Sequoiah. Well, they seemed of one set; merely detail variations between bluer or redder bronzed standards, different degrees of depth in falls, darker or lighter, more or less haft venation. Now unless they show much greater size, height, and, in consequence, richer flowers they may not be so different from the above American varieties. Of course, they have a wider range of combinations.

Next we come to Mr. Wallace who, besides a lot of new blues, has put out an equally fine lot of deep red purples. (see list) These six varieties parallel the Cayeux varieties. The colors stressed for falls are—velvety plum purple, and velvety purple crimson. Standards are described as—metallic, brownish, mauve, bronzed, lilac, rose shot bronze, coppery purple, livid bronzy violet. Form, substance, size and height are especially emphasized. They sound so good I can not allow myself to expect too much, but I hope for once they are right.

The varieties offered by Murrell will be noted in the list. Senlac being a self claret-red; Gloaming a Bruno like, early blooming variety. New offerings will also be noted from Mrs. Dykes and M. Millet.

And now for the American scene. Looks like a case of where Greek meets Greek in this section. First we have what should be three giants from Mr. Kleinsorge—Oregon Giant, Oregon Beauty, and Klamath. All rich, dark, bronzy, Ambassadeur types. Next we have Kirkland's Andrew Jackson, Morning Glory, Mary Elizabeth, all of rosy red violet tones. Then we have Mr. Ayres' Indian Chief, a yellow toned red; Mr. Morrison's Brangaene, a red copper blend; Erin, a petunia violet Dominion. Mohr-Mitchell's Monterey, bronze red violet. Andrew's Jackrose, a glorified Ed. Michel. Mr. Connell's Dauntless, America's foremost red. Rowell's Grand Monarch and Nicholl's Fire God both described velvety red bronze. Mr. Williamson has several interesting contributions. These all should make an interesting summer report. What is reported as an oxblood red, by Mr. Danenhauer, called Gobelin Red, is receiving some advertising. Must be seen.

### CLASS III IRIS

### Section 2a Light 2b Medium

It is almost embarrassing for a real Iris lover as I am to have to explain why all these fine varieties in Class III. Well, remember we agreed that 500 Iris with a super 100 for frosting were more than enough for the most fastidious and the most capacious. (I suppose we will have to call these the crust. Well, it too is good in a complete successful pie.) Then unless we can find others in Class I and II to pull out, we must necessarily leave these here. This is consoling news for those that wish to invest only a little for they can get truly fine Iris here at a song.

Unfortunately, unless this catalog is to become a volume of which the postage will eat up the profits, I cannot go into individual detail about them. However, certain explanations are necessary. Iris C. E. Stringer is here because it is too close to Trostringer and both should not be kept in circulation. Iris Chalcedony? I think, is a little pallid and expressionless. In the future I will not further propagate these Class III Iris beyond the necessity of maintaining an historical reference collection. I will furnish them as far as I have surplus rhizomes at the prices quoted.

### Section 2c Deep Tones

There is a large list in this class many of which were favorites of yesterday. They are rich in color and variety the difference being principally that the flowers are not of the largest size as most in Class I and II. A fine selection would be Ambigu, Caporal, Col. Candelot, Caprice, Cretonne, Elberon, Fuerstin Lonyay, Anosia, Mrs. Cowley, Jacquesiana, and Rev. Wurtele.

### THE REDDEST IRIS

There are this year a number of claimants for this distinction:

Cayeux in 1929 said "For the present Hernani is the nearest approach to red."

Wallace also says of Rhodes: "We consider it to be the nearest approach to crimson among the tall bearded Irises."

Dauntless by Connell is introduced by Mrs. Pattison in these words. "We think we can say without any fear of successful contradiction that it is the finest red ever offered to the public."

Mr. Murrell says of the Bliss Origination Senlac, "It is the reddest toned Iris we have yet seen."

There you are. The books are open. Put up your money and take your choice. Decisions this summer we hope.

# SPECIAL KEY TO GROUP 3 YELLOW VARIETIES

(See next page)

The yellow group is divided as follows:

Section 3a shows all yellow selfs.

Section 3b shows all blended varieties, medleys, mostly selfs or near selfs.

Section 3c shows the sharp yellow bicolors which we usually call variegatas.

Key for Yellow Selfs, 3A—First column following price shows color depth and is headed.

Tone Depth—Letter (a) means light yellow, letter (b) medium and letter (c) the deepest yellow.

Bicolor—Wherever a variety is marked (x) in this column it is a fairly pronounced bicolor.

Colored Veins—All varieties marked (x) in this column are not entirely yellow but have colored veins at the throat.

Key for Blended Yellows, 3B—As Iris in this group are mostly medleys of many colors a classification is very difficult. I have chosen to key them in

the following manner using one column for Standards and another for the Falls.

Columns Headed "Stands" and "Falls"—Here the first letter always indicates tone depth, viz. (a) light, (b) medium, (c) dark. If (x) is used, it indicates a neutral buff or gray tone. The remaining numerals designate the principal color present as (1) blue, (2) pink or red, (3) yellow.

Key for Blended Yellow Bicolor, 3C—These are the old style variegatas with many new blendings and combination. The first column headed Stands Tone Depth shows whether a light, medium, or dark tone of yellow prevails using the three letters that designate these tones throughout this caalog.

Falls Blue Toned—The second column marks the varieties with the more blue purple falls.

Falls Red Toned—The third column marks the varieties with the more red purple or chestnut colored falls.

# **GROUP 3—YELLOW IRIS**

SUPER IRIS (Bold	Type)		CLAS	SS I IR	IS (Capitals)	CLASS II	IRIS	(Regul	ar Type)
YELLOW SELFS SECTION	3a						Tone		Col'd
Originator	Season	Hardy		Rating	Variety	Price	Depth	Bic.	Veins
$     \text{Hall1924} \\     \text{Dykes1924} $	3.6		M M	89–88 88–88	ALIQUIPPAAMBER	\$ 3.50	$egin{array}{c} \mathbf{A} \\ \mathbf{B} \end{array}$		
Sturt1926	*		M		Autumn Glow	1.00	В		
Vilm1923	L .		$\mathbf{M}$	82-85	CHASSEUR	1.00	В		
Sturt1924	777	• • • • • • •	T	77-82	CARCANET	50	B		
$egin{array}{lll}  ext{Sturt}1924 \  ext{Wmsn}1925 \end{array}$	7 6		$_{ m T}^{ m M}$	84–82 78–82	$ \begin{array}{cccc} \text{Chalice} & & & & & \\ \text{Colias} & & & & & \\ \end{array} $		B		
Moore1927	7.6		$\mathbf{T}$		CORONATION	3.50	В		
Sturt1924			$_{\mathrm{T}}$	76-79	Flutter-By	50	A	X	
$egin{array}{ll}  ext{Neeley} \dots 1924 \  ext{Jackson} \dots 1927 \end{array}$	-		$_{ m T}^{ m T}$	84–81	Golden PromiseGOLDEN GLORY		B A	$_{ m X}^{ m X}$	X X
Sturt1924	3.6		$\dot{\mathbf{M}}$	86-87	GOLD IMPERIAL		$\hat{c}$		
Edl1928	$\mathbf{ML}$ .		$\mathbf{T}$		GOLD STANDARD	7.50	$\mathbf{A}$		
$\begin{array}{cccc} \mathrm{Sturt1924} \\ \mathrm{Sass, J1927} \end{array}$	T 277		$_{ m M}^{ m T}$	78-82	Inner Glow NYMPH		$_{ m B}^{ m A}$	X	
Sass1927	2		$\overset{\mathbf{M}}{\mathbf{T}}$		NEBRASKA		Č	X	X
$\text{And}.\dots1925$	${f L}$ .		$\mathbf{M}$		Ophir Gold	75	$\breve{\mathbf{B}}$		
Sturt1925		· · · · · · · ·	T	88-88	PRIMROSE		В	X	
$egin{array}{l}  ext{Mohr-Mit1926} \  ext{Sass1926} \end{array}$	VE M .	X	$_{ m M}^{ m M}$	83-82 86-84	PrimaveraPRAIRIE GOLD		$^{ m A}_{ m C}$		
Mur1927			M		SUNBEAM	5.00	$\overset{\smile}{ m A}$		
Sturt1918	<u>M</u> .	X	$_{ ilde{\mathbf{T}}}$	84-84	SHEKINAH	25	A		
$egin{array}{lll} \operatorname{Mohr} \dots 1924 \ \operatorname{Sturt} \dots 1919 \end{array}$			$_{ m T}^{ m L}$	81-92	SOLEDADSt. H. White	25	$_{\mathbf{B}}^{\mathbf{A}}$		X
Sturt1919			M	78–79	YELLOW MOON		A		A
Wmsn1926			Ĺ	80-77	Yellow Rail	50	$\ddot{\mathbf{B}}$		X
VELLOW BLENDS SECTION	NT 2L								
YELLOW BLENDS SECTION	N 3D						Stands		Falls
Wmsn1927	3.6		$_{\mathrm{T}}$	00.00	AVATOR	3.00	AX		B1X
Sturt1917	3 CT		T	83-82	Afterglow	25	AX		AX1
Sass, J1923 $And1926$	$egin{array}{c} \mathbf{ML} & . \\ \mathbf{ML} \end{array}$	X	$_{ m T}^{ m M}$	79–77	AksarbenAmerind		$_{ m BX}^{ m AX}$		BX2 BX
G. & K 1924			$\hat{\mathbf{M}}$		Balder		AX		B2X
Sturt1924	M	$\mathbf{X}$	M	82-85	CAMEO		A3		BX
$\begin{array}{ccc} \mathrm{Sturt1927} \\ \mathrm{Cay1929} \end{array}$			$_{ m T}^{ m T}$		CAMELIARD CLAUDE AUREAU		B3 B3		$\begin{array}{c} { m C2X} \\ { m C2X} \end{array}$
Moh <b>r</b> -Mit1928	~ -		$\dot{ extbf{M}}$		Conchita				021
Sass1929	$\mathbf{v}\mathbf{E}$ .		$\mathbf{M}$		DOXA	$\dots$ 7.50	AX		BX
$egin{array}{lll} \operatorname{Mohr-Mit} & . & 1927 \\ \operatorname{Hall} & . & . & . & . & . \\ \end{array}$	M ML .	X	$_{ m M}^{ m T}$		Don Quixote		$_{ m A3}^{ m BX}$		BX2 B32
Sturt1925	3.6		${f T}$		ELSINORE ENDYMION		B32		B32
Millet1924	Μ.		$\mathbf{T}$		Fismes	1.50	AX		B1X
Vilm1926	3.6		M		FRA ANGELICA		AX	• • • • •	B1X Pay
$\begin{array}{ccc} { m Cay1926} \ { m Burch1923} \end{array}$	3.67		M M		GauloisGUILELESS		$_{ m AX}^{ m B3}$		$_{ m BX}^{ m BZX}$
Sturt1925	3.57		$\mathbf{T}$		ISHTAR		AX		B2X
Millet 1926	3.6		T		JALAPA		B3		B2X
Sass, J $1923$ Sass, J $1925$	M . M .		M M	85–84 85–83	JUBILEE □ KING KARL □		$_{ m AX}^{ m AX}$		$_{ m B2X}$
Sass, J 1924	3.4		$\mathbf{M}$	84-83	LONA		A2X		B2X
Fendall1924		X	${ m T}$		LOUDOUN		AX		B1X
$\begin{array}{cccc}  ext{Denis} \dots & 1923 \\  ext{Denis} \dots & 1921 \end{array}$	$_{ m ML}^{ m ML}$	$_{ m XX}^{ m X}$	$_{ m T}^{ m T}$	84–8 <b>1</b>	M. ARNAL M. BRUN		$_{ m BX}^{ m BX}$		$_{ m C2X}$
Denis1912	L	XX	$\mathbf{T}$	92-89	MME. DURAND		$_{\rm BX}^{\rm BX}$		BX1
Denis1922	М.		$\mathbf{T}$	78-77	M. Hubert	75	$_{ m BX}$		BX1
Denis1920			M	83-82	Ochracea		$_{ m BX}^{ m B3}$		B31 BX1
$\begin{array}{c} { m Cay1925} \\ { m Perry1923} \end{array}$	3.6		$_{ m T}^{ m M}$	88-87 82-84	OPHELIA PALEMON		AX		AX
Mohr1924	Μ.		$\mathbf{M}$		RAMONA	25	$_{ m BX}$		B1X
Cay1926		· · · · · · · · · · · · · · · · · · ·	M	79.75	ROSA BONHEUR		$_{ m AX}^{ m AX}$	• • • • •	B31 B1X
$\begin{array}{c}  ext{Vilm} 1921 \\  ext{Cay} 1927 \end{array}$	M M .	X	M M	72–75	$\begin{array}{c} \text{Turco} \ \square \dots & \dots & \dots \\ \text{Troyon} \dots & \dots & \dots & \dots \end{array}$		B3X		B1X B2X
Mohr-Mit 1926	3.6		L	85-86	VAĽENCIA	1.00	$_{ m BX}$		BX
G. & K1924	ML .		M	83-85	Vingolf		AX		B1X B2Y
Wmsn1927	М .		Т	89-90	VESPER GOLD	3.00	B3X	Fslla	B2X Falls
YELLOW BICOLOR BLENI	OS 3c	141 4				Price	Stands Tone Depth	Blue Toned	Red
Wmsn1925	L		$\mathbf{T}$	84-83	ARGYNNIS	50	В		X
G. & K 1927	Μ .		${f T}$		ASA		A	X	
Freyer 1919 G. & K 1927	T	• • • • • • •	$_{ m L}^{ m M}$		Barton Harrington BRONZESHILD		$_{ m B}^{ m B}$		x
Bliss1922	3.67		$\ddot{ ext{T}}$	85-85	CITRONELLA	75	$\mathbf{A}$		X X
Cay1925	ML		$\mathbf{M}$	87-86	Claude Monet	2.00	A	$\mathbf{X}$	
G. & K1920 G. & K1927	3 CT		$_{ m L}^{ m M}$	80–80	FLAMMENSCHWERT. Goldvliess	1.00	B B		X X
G. & K 1927 G. & F 1927	3.5		$\ddot{\mathrm{T}}$		HAVAMAL		Ā	X	

YELLOW BICOLOR BLEN	ed	Stands	Falls	Falls					
Originator	Season	Hardy	Height	Rating	Variety	Price	Tone Depth	Blue Toned	Red Toned
G. & K. 1907 Sass 1927 Hall 1925 Shull 1923 Bliss 1918 Perry 1927 Perry 1923 G. & K. 1927 Sturt 1924 G. & K. 1926 Fryer 1927	ML ML M L ML ML M ML M L M		M M M M T T T T	80-80  82-81 82-81  80-83  81-82	IRIS KING. KING TUT LODESTAR. MAORI-PRINCESS. Marsh Marigold. MRS. R. B. LARGE. Mrs. H. F. Bowles. ODENVOGEL. RIALGAR. THRUDWANG. W. J. Fryer □	5.00 3.50 75 25 2.00 50 2.50 3.50	C B B B C C B B C B	   X X	X X X X X X X X
					RIAL VARIETIES				
CECTION 2- VELLOW CE	r DC	Varieti			o Government release August 15,	, 1930			
SECTION 3a YELLOW SE         Sturt	hteaueauv Tom Tit Streamole	3.00 10.00 t 3.00 15.00 15.00 2.00 1931	Cayeux Mur Mur Mur Mur	1929 1928 1929 1929 1929	Daffodil 1931	Mrs. Dykes 19 Mrs. Dykes 19 Mrs. Dykes 19 Mrs. Dykes 19 Mor. 19 Essig. 19 Wallace 19 Kirk. 19	27 Gilda 27 Igrai 30 Cock 30 Elfin 29 Sund 29 Jasor	atoo Gold ew	1927 1931 5.00 10.00 5.00 1931
SECTION 3b YELLOW BL	ENDS								
Cayeux 1926 Corot Cayeux 1926 Delaci Cayeux 1926 Detail Cayeux 1929 Watte Cayeux 1927 Frome Cayeux 1927 Gust. Cayeux 1927 J. F. I Cayeux 1926 Meisse Cayeux 1927 Bastie Mur 1929 Wrait  SECTION 3c YELLOW BI Millet 1927 Andre Cay 1922 Liber	roix le au cau Courbet. Millet oner m LePage h COLOR BI	2.00 2.00 1931 2.00 1931 1931 3.00 3.00 1931 LENDS	Mur Wmsn Wmsn Sass Sass, J. Sass, H. Sass, J. Sass		Witchery       1931         Trieste       1931         Tuscany Gold       10.00         Sonata       5.00         Amanecer       50         Churchmouse       5.00         Chestnut       5.00         Euphony       3.00         Golden Harvest       7.50         Old Gold       1.00         Druid       5.00         King Midas       25.00	Millet. 19 Millet. 19 Millet. 19 Millet. 19 Millet. 19 Denis. 19 Vilm. 19 Mohr-Mit 19 Mor. 19 Edl. 19 Dykes. 19  Sass, H. P. 19 Wmsn. 19	29 Pegg 29 Silvie 29 Henr 22 Rene 26 Arcti 27 Forti 29 Hone 30 Parm 28 Zaha	i Riviere Denis. Irus	
Cay1929 Girar	don	1931	Wmsn.	1929	Gay Hussar 3.50				
				CLAS	SS III IRIS				
SECTION 3a SELFS Aurea. Dawn. Empire. Safrano. Sunshine. Sherwin Wright.		25 25 50 1.00	Virginia Queen l Golden Gerda.	Moore Flavia Fleece	\$0.50 .25 .50 .75 .25 .25	Helge	er		25
SECTION 3b BLENDS									
Armand Clavaud Chlorinda Darius Dora Longdon Gert. Koehler Jean Chevreau May Morn Mercedes		1.00 25 25 25 75	Mme. I Mme. ( Nirvan Nue D' Orchid Pancro	Blanche P Chobout a Orage		Rachel Fox Romeo Sherbert Trianon Thundercloud Tancred Toreador Valkyrie			
SECTION 3c BICOLORS									
Aragon Carnival. Dusky Maid Eldorado Fro Hector	· · · · · · · · · · · · · · · · · · ·	50 50 25 25	Kathry Lorely. Katrinl Maori Mithra	n Fryer xa King s		Princess V. Lo Romany Saul Solana Tangiers Yellowstone Zingara			

### **GROUP 3 YELLOW IRIS**

### Section 3a Selfs

Iris progress has been very rapid. This is clearly shown when we look at our list of yellows as it compares to a few years ago.

My first choice of a best half dozen, not considering the recent high priced novelties, is: Chasseur, Amber, Golden Glory, Prairie Gold, Nebraska, Primrose. This presents a fine, diversified range of types.

There has been considerable advance in the early blooming intermediate yellows.

Soledad has a fine tone, but is relatively overrated at 92. Segments should be broader substance better to earn this rating.

Nymph is a splendid large flower, medium deep, and a good grower.

Sunbeam is exceptional in light bright tone, and fine form; the best so far.

Primavera is a very light primrose yellow, fine toned standards. The above make a fine quartet for your early garden.

Taking next our lighter, late blooming yellows which are so valuable in the garden.

Yellow Moon—an Iris of lovely, enamel texture and creamy tone. I do not see how any one can fail to like it.

Shekinah, Inner Glow, and Flutterby are clear light yellows shading to ivory and cream after fading some. Very fine for garden clumps to enhance other colors.

Carcanet has a pleasing personality in the way

of slightly frilled on wavy segments.

Gold Imperial has one of the most pleasing yellow tones; a good deep color. Chalice has a lighter tone. These two are invaluable for the garden picture.

Amber has been the best all around, pure yellow for several years. It is now reasonable and may be

grown by all.

Chasseur is one of my favorites. Late blooming, very broad segments, of a unique tone of yellow, brown base to hafts and claws, which shows up admirably in the buds.

Primrose-To me the finest of all yellow Iris

so far. A fine flower slightly bicolor.

Nebraska—the best deep yellow. A magnificent flower; great ruffled standards, falls heavily but pleasingly veined, brownish half way up. Golden Promise has similar marked falls in an apricot combination.

Colias and Autumn Glow are another good pair of self yellows. The first unusually tall, the latter late blooming of a distinct type a metallic yellow with glowing heart.

Prairie Gold, in point of tone, is the deepest richest yellow of the garden and should not be

omitted by anyone.

Coronation—I have only bloomed this once. It looks very pleasing in tone, form, and height; no veining. This, at the moderate price, seems a great value compared to high priced novelties.

Golden Glory—I like this for its very fine, light golden tone. It is fine of form and tall, the slight veining of falls does not detract from it.

Gold Standard—an advance in fine form, tone texture and substance. A light Iris like Yellow Moon, but with a wonderful gold beard, deepening heart.

Yellow Rail is an interesting variety bordering on the sanded and dotted blends as Chlorinda, Montezuma, Armand Clavaud.

Stanley H. White valuable for its height, Ophir Gold for a late blooming, clear yellow. Will make a fine garden display.

### NEW AND TRIAL IRIS

### Yellow Selfs Section 1a

Looking over the large and expensive list of new yellows in our trial beds, I cannot help thinking of a lecture heard as a boy. It was titled "Acres of Diamonds." In it occurred the statement "Where there is a need there is a fortune." Many have evidently heard and answered this call.

Well, at least one side of the yellow Iris situation is developing. There are now growing with us seven varieties introduced at \$25.00 to \$100.00 each and others promised. I have learned to wait and see. Somehow, I cannot get a conclusive picture from descriptions unless they are largely on a comparison basis to those we have. European Iris seem to undergo a change in blooming after being transferred to America.

W. R. Dykes was hailed in 1927 as the culmination of our Iris dreams at one stroke, but subsequent bloomings have not sustained that expectation.

Helios and Pluie D'Or are extravagantly recommended by their originator Cayeux. They seem to have height. Only one thing more to know—size and substance.

Mirasol by Mohr-Mitchell seems a little low, unless California climate inhibits its full possibilities

Sunlight by Miss Sturtevant, is promised as the largest in size.

Jason, by Wallace, is a tall, deep yellow of

medium size, pure tone, unmarred.

Desert Gold, by Kirkland, should prove fine if of the same standard of other varieties so far put out.

There are other good yellows in the offing. Mrs. Dykes' Britoness, a yellow of Moonlight size. Gilda and Igraine of garden value.

Murrell, of Orpington Nurseries, offers Daffodil, a 40 inch, free blooming, branched yellow. Seraph and Bezant, very late blooming yellows, also three very early blooming varieties, Sunbeam, Moonbeam, and Starlight. The first of these has bloomed and is very fine.

Cayeux has two late blooming varieties Nicolas Pouissin and Greuze besides many blended yellows in group (b). All of the Art Sets are intended for garden massing. One of these has yellow stands and white falls.

Mr. Morrison comes with Elfin Gold, small, but of unique garden effect, and Cockatoo, the last an approach to a plicata of a yellow Gaviota.

From California comes Mr. Essig with Sundew and Mohr-Mitchell with Bonita.

The Misses Sturtevant and Edleman bring us Corona another variety with white falls and yellow standards, also Yellow Tom Tit which describes itself. Goldstream, another similar variety to Gold Standard.

Surely, we ought to be given a little time to assimilate these before having to face another such tidal wave. Let's not kill the goose that lays the golden eggs.

### **CLASS III IRIS**

### Selfs Section 3a

The third class group of yellows has not very much to offer as the better yellows are all of recent development excepting from this, however, the group of Early Intermediates especially the soft creamy tones which may be useful for early garden effect.

### **GROUP 3 YELLOW IRIS**

### Section 3b Blended Varieties

And now I am face to face with the most difficult color group of the entire range. If the designation does not sound too highbrow, I would like to call them Compound Multiple Blends because in their makeup all the colors are blended then complicated by overlays, reflections, halos, and all manner of evanescent effects changeable as watered silk. See special article on blends elsewhere in this catalog.

These blends are among the most beautiful Iris we have, at least for some of us. I look vainly throughout the floral kingdom for their counterpart.

To take at random regardless of color affiliation, a list of "Best" produces a group that will make any Iris lover sigh. My such choice would be: Cameliard, Ophelia, Cameo, Fra Angelica, Mme. Durrand, Rosa Bonheur, Vesper Gold, Endymion, Loudoun, Elsinore, M. Brun, Avator, Doxa, Lona, and Rameldo.

In trying to get these yellow blends under a somewhat descriptive control, we will assemble them in smaller groups. First we will take those where yellow itself is a factor of the combination in distinction from those where the yellow has become a buff, tan, or gray effect.

Claude Aureau and Cameliard head this list and lead this particular group by a long margin. The general color effect of both is very similar. The type of flower in each is widely dissimilar. The yellow standards are bronzed and flushed with a haze of claret or oxblood purple. The falls, deeper bronzy red purple edged or veined in tone of standards. It is the strong personal character type that makes each of these as indispensable as Bruno and Cardinal.

Mme. Durrand—To me the wonderful quality of this Iris is the effect of the standards, like a ball of gold mixed clay while they are still closed and crinkly after opening. My first contact with this Iris was unexpected and it seemed as a wild bird seen in the woods, so unusual was the effect.

Aksarben—a wholly different, somewhat bizarre striped yellow buff Iris which had the same effect.

Ochracea was the first of these late blooming medleys out of which Cayeux has developed a whole race. Conchita is of this type and a whole host in the trial set.

Cameo is a most lovely combination, light yellow stands with pink and buff falls.

Elsinore is another exquisite blend of delicate yellow and purple.

Endymion and Vesper Gold are a grand type. The blending merges into a metallic medley. Endymion—more gold to blue. Vesper Gold—more orange to red in cast. Both of fine height, form, habit.

Amnerind has a more greenish to brownish effect. While Churchmouse is still more on the brown order.

The next more buff group produces at a distance a tan effect.

Afterglow is the best example of this now available for mass planting.

Palemon is larger and a fine Iris.

Ishtar stands out among this type displacing Sindjkah. Ramona is another very rich blend of this character.

Ophelia in point of color blending seems the finest combination.

Jubilee, King Karl and Loudoun represent the new advanced form of the dotted, sanded, peppered, and flushed combinations as Mary Garden, Mme. Chobout in the older types. The breadth of petals, the pleasing creamy apricot ground, makes an altogether lovely effect.

Lona is of this group, but has more pink in its combination.

Next we have a set of bicolors coppery reddish and blue medleys giving on the whole a brown effect.

M. Arnal—finely formed and tall; also M. Brun, giving a brown pink effect, falls under this heading.

M. Hubert—another bronzed medley. A duskier Lent A. Williamson.

Fra Angelica and Rosa Bonheur are two beautiful bicolors. Soft, buffy standards with beautifully blended falls. The first more orange, the second more lilac in tone.

Valencia is an odd thing. An apricot orange self, low growing.

Jalapa and Gaulois are vivid bicolors. Stands are metallic bronzed gold, falls heavily veined and flushed, an exceedingly bright pinkish violet tone, most unusual and bright.

**Dox**a is another sensational break in color. Its first name, Olive Giant, described it exactly. An olive buff of great size and substance trimmed in a sort of oxblood maroon.

Several varieties of bicolors with standards bordering on gray are left for consideration.

Avator easily heads this list and is one of the foremost Iris of this group. It has the large size and substance of the Dominion. Fismes, Vingolf, Geo. Yeld are built along the same lines.

### NEW AND TRIAL SET

### Section 3b Yellow Blends

When M. Denis in 1920 introduced Ochracea, also called Sunset, he furnished the foundation for a whole race of lovely blends. M. Cayeux has taken full advantage and offers a long list in his yearly art sets. It will take several years to cull out the few best. It is useless trying to describe them. They reflect, chameleon like, every color in Irisdom inimitably blended.

Murrell, of England, is also working on this group. The first offerings are Wraith, Witchery, and Trieste, euphonious names for these types.

M. Millet presents along the same lines Delty, Peggy, Silvie, colors like havana-brown and ashygray lit by more vivid color figure in the descriptions of the above novelties. A very special development of this type of blend is found in Henri Riviere, tall for this type and finely colored.

Mr. Williamson has what sounds like a very promising variety in these blends Tuscany Gold, a further development of Vesper Gold and Endymion. His Amanecer and Sonata also fit in here.

The Sass Brothers independently have worked up a race of these blends as expressed in Old Gold, Golden Harvest, and Chestnut. These incline strongly to yellow. Then there is Churchmouse, a browner type of Amerind, and Euphonie a somewhat more red and yellow Ophelia. This Sass group seem a more full-petalled group. There is nothing scanty about the blooms as placed on the stalk.

A notable addition to these blends, according to description, is Mr. Morrison's Honeydrop.

Miss Edleman's Parma described as a better Ramona should be wonderful.

Mrs. Dykes' Zaharoon might be classed here. It has created quite a stir in England.

### CLASS III IRIS

### Section 3b Yellow Blends

This section contains the yellow blends. The more yellow forms are the dotted and sanded yellow ground varieties like—Montezuma, Armand Clavaud, Chlorinda. The more buff types as—Mme. Chobout, Mercedes, Jean Chevreau. Pretty flushed and clouded varieties as—Dora Longdon, Orchid, Romeo, Nuee d'Orage, and Darius. Lovely blends as—Nirvana and Trianon are really fine material for the lover of color that does not need huge size. Varieties like Valkyrie and Tancred are placed here as they are more breeder's Iris than pretty garden varieties.

### GROUP 3 YELLOW IRIS

### Section 3c Blended Bicolor

These are the brilliant yellow bicolors with standards ranging from light lemon yellow to bronzy brown and falls from bluish violet to deep brown red. A first choice half dozen would be: Asa, Flammenschwert, King Tut, Lodestar, Maori-Princess, Thrudwang.

There has appeared a new note in this section that is much for the better. That is the new German varieties of which Iduna is the first example. The flowers are larger, taller, more straight hanging a better sideview looking across the garden, the colors softer. Altogether valuable garden varieties.

The varieties Asa, Havamal, Odenoogel represent the above type with variation in color of standards or falls. See special acquaintance offer of German set in special collection offers.

Thrudwang is of a darker tone, but has a large flower especially fine formed and of rich color.

Goldvliss and Bronzeshield are preeminently mass planting varieties. Low growing, unusually brilliant in both standards and falls, their special claim is extraordinary profusion of bloom which literally smothers the plants.

Flammenschwert remains one of the finest varieties. Brilliant yellow, and rich red brown purple.

Iris King with standards more reddish bronzed, and the very rich red falls is still very desirable.

Lodestar is voted one of the best of these varieties having received an award of merit from the American Iris Society in 1928.

Argynnis is one of the tallest. It has solid falls to the edge. Many of this group have falls edged with the color of the standards. Both types are pretty.

Maori Princess—This has the richest, deep violet, falls edged beautifully. It is my favorite. Marsh Marigold is quite similar and of intense coloring.

Rialgar has extra large segments. The very bright yellow stands showing up especially well. The wide falls are more veined and flushed than others giving the whole flower a lighter appearance.

Citronella is the tallest, has the finest light yellow standards in this section and makes a wonderful garden clump. Here again the falls are not solid but heavily veined and flushed chestnut red.

Claude Monet is also along this line. Broader petals, bluer tone in falls. I do not quite agree with the high rating given this variety.

W. J. Fryer has an entirely different tone. Greener toned and bronzed yellow stands and a bluer purple falls. It easily takes care of the variety Kathryn Fryer. Both are not needed.

Mrs. H. F. Bowles and Mrs. R. B. Large have standards heavily bronzed so they no longer look yellow, but rather bronze. It has falls that some describe as brick red. They are very tall and well formed. A new note among Iris.

King Tut—One of the most brilliant, conspicuous objects in the garden. Falls of the richest, brightest, chestnut or brick-red solid to the edge. Stands also red bronzed much deeper than the yellow falls of the average Variegata. Something real new in the Iris game.

### NEW AND TRIAL LIST

### Section 3c Blended Yellow Bicolors

There is a small but choice list of these bright bicolors in our trial list. King Midas by Mead with Gay Hussar by Mr. Williamson will be permanent additions that will make this Variegata group more popular judging by the enthusiasm that King Tut evoked last year. Mr. Millet has Andre Barbier, a more softly blended variety. Mrs. Wicht by Sass, and Druid, a more brownish variety, by Sturtevant complete this list.

### CLASS III IRIS

### Section 3c Blended Yellow Bicolors

A splendid list of bright colored Iris varieties like: Fro, Mithras, and Loreley make wonderful landscape mass effects. Maori King is very late, low growing; fine for a special display with Tom Tit, Black Prince, Richard II. Zingara, Dusky Maid, Knysna are fine Iris but we must keep this list down as they are not as much called for.

### BLENDED IRIS

In the past all blends were grouped in one lot making a large, unwieldy, unintelligible group. It will clear our understanding if we divide these blends among the four basic color groups. This gives us blue blends as Mady Carriere, Asia, Lent A. Williamson. Pink blends as Mary Gibson, Dolly Madi-

son and Mme. Cheri. Yellow blends as Ophelia, Ochracea, Afterglow, and Jubilee. White blends as Moonlight, Mystery, and Yves Lasailly. This is the method started in present catalog which will be further developed and perfected in the future.

### A WORD ABOUT PRICES

My prices are entirely governed by stock on hand, and market prices at which I can procure stock if sold out. This method insures reasonable prices and fair returns to all. It means a healthy demand which keeps things moving. It makes available to all, the good things they have been reading about. It makes a better market for further introductions and novelties, which is desirable. We want new things, but we want them of intrinsic quality and distinctiveness and price proportionate to these qualities. We do not want to pay \$25.00 for an Iris

which may be great in quality but is only a slight variation of an Ambassadeur, a Bruno, or some other high class, but now moderate priced variety. Grave errors are committed on this score. The courage and enthusiasm of the Introducer sets the price for several years and severely handicaps those investing in it and finding that it does not justify the price set in the light of what is available and similar. I will not pass such varieties on to the public at high prices but will give the proper information frankly.

### KEY FOR WHITE SECTION, 4A

(See next page)

Certain details about white Iris will give a better picture of them if noted. In the three columns following price, the following distinctions are noted subject to rechecking and completion this year:

"Yellow Whites"—Where a variety is marked (x) in this column indicates a cream tone or a variety with yellow to brownish bronzed hafts and veining.

"Blue Whites"—Where a variety is marked (x) in this column it indicates a blue veined or blue flushed white.

"Pink White"—A variety marked (x) in this column indicate pink to red veins or flush. There are varieties where two of above conditions exist in the same variety these will be found marked in several columns.

### KEY FOR WHITE PLICATA SECTION, 4B

The three columns following price provide space to mark varieties according to whether the frilling, veining, or other marking is principally "Blue, pink, or yellow."

### KEY FOR WHITE BICOLORS, 4C

These bicolors are marked (x) in column headed by color which predominates in falls or shows as a flush on standards of a particular variety.

# **GROUP 4—WHITE IRIS**

SUPER IRIS (Bold			CLAS	SS I IR	IS (Capitals)	CLASS II IRIS (Regular Type				
SELF WHITES SECTION 4							Yellow		White	
Originator	Season	Hardy	Height	Rating	Variety	Price	White	Blue	Blue	
$egin{array}{lll} \operatorname{And} \ldots 1926 \ \operatorname{Wild} \ldots \ldots \end{array}$	$_{ m VE}^{ m M}$	X	$_{ m M}^{ m T}$	70–72	AlabasterAlbicans		• • • • •			
$Moh \mathbf{r} \dots 1923$	E	X	T	10-12	Argentina		$\ddot{\mathbf{x}}$			
Cay1925	$\overline{ m L}$		$\mathbf{\tilde{M}}$		Arlette		$\ddot{\mathbf{x}}$			
Sturt1920	$\mathbf{M}$		$\mathbf{T}$	<b>7</b> 6–83	Athene	50		X		
Mohr-Mit 1924	E	X	T	84-84	Azulado			$\mathbf{X}$		
Hall1925	$_{ m ML}^{ m M}$	• • • • • • • •	$_{ m T}^{ m M}$	88-89	CHARTIER		$\mathbf{X}$	• • • • •		
$\begin{array}{cccc} \mathrm{Sturt1922} \\ \mathrm{Sturt1923} \end{array}$	$^{ m ML}_{ m ML}$		$\overset{1}{\mathrm{T}}$	82–83 84–83	CYGNET <b>DELIGHT</b>				X	
Edl1928	M		$\hat{ar{ ext{T}}}$		DIONE			X		
$\operatorname{Wild}$	VE		$\mathbf{M}$	76-75	Florentina	25				
Sturt1925	M		T	<b>76–81</b>	Garden White	\$2.00		$\mathbf{X}$		
$\operatorname{Mor}_{1009}$	M		M	76. 70	HOARFROST			• • • • •		
G. & K1908 Dykes1922	$_{ m VE}^{ m VE}$		$_{ m M}^{ m M}$	76–79 83–79	$\begin{array}{c c} \operatorname{Ingeborg} & \square & \dots & \dots \\ \operatorname{ISTRIA} & \square & \dots & \dots \end{array}$					
Foster 1913	M	X	T	86-81	KASHMIR WHITE		$\mathbf{x}$			
G. & K 1927	$\mathbf{E}$		$ar{ extbf{M}}$		LENZSCHNEE			X		
Fryer1923	VE	<u></u>	$\mathbf{M}$		Leota		$\mathbf{X}$			
Mohr-Mit1927	M	X	T		LOS ANGELES			X		
$egin{array}{lll} \operatorname{Verd} \dots & \dots & \dots \\ \operatorname{Sturt} \dots & \dots & 1928 \end{array}$	$_{ m M}^{ m L}$		$_{ m ML}^{ m M}$	<b>7</b> 8– <b>7</b> 8	La Neige		$\ddot{\mathbf{x}}$			
Dykes1923	E	X	M	85-84	MOONLIGHT []	75	X			
Bliss1920	$\widetilde{\mathbf{M}}$		M	84-82	Mystic				X	
$\mathrm{Sturt}1922$	$\mathbf{M}$		Τ .	80-80	Milkyway			$\mathbf{X}$		
Perry 1924	$_{ m ML}$		M	88-85	MRS. PERRY	1.50		X		
Denis1924	M	X	$_{ m T}^{ m T}$	90-87	MICH. CHARRIERRE		$_{ m X}$	• • • • •		
$egin{array}{lll}  ext{Sturt} 1924 \  ext{Mohr-Mit} 1927 \end{array}$	$_{ m ML}^{ m ML}$	$\ddot{\mathbf{x}}$	$\overset{1}{\mathrm{T}}$	78-83 95-95	Old IvoryPURISSIMA					
Sturt1928	Ë		$\dot{\mathbf{M}}$		SEA FOAM					
Mohr-Mit 1927	$\overline{\mathbf{L}}$		${f T}$	78-83	SHASTA				X	
Perry1921	$_{ m ML}$	$\mathbf{X}$	T	:::::	SILVER QUEEN	3.00*		$\mathbf{X}$		
Sturt1926	M	• • • • • • • •	$_{ m T}^{ m T}$	85–87	SNOWHITE	3.50	• • • • •	$\mathbf{X}$		
$egin{array}{lll}  ext{Sturt}1921 \  ext{Hort}1923 \end{array}$	$^{ m ML}_{ m ML}$	X	$\overset{1}{\mathrm{T}}$	82–81 83–83	TAJ MAHAL []THESEUS		$\ddot{\mathbf{x}}$			
Gey1918	M		$\dot{ ext{M}}$	81-81	White Queen					
Saund1916	L		$\mathbf{M}$	79-80	White Knight []					
$\operatorname{Emig}$ 1926	$\mathbf{M}$		$\mathbf{T}$	78-81	Zada					
Craw1914	VE	• • • • • • •	$\mathbf{L}$	79–74	ZUA	25		X	• • • • •	
PLICATA OR FRILLED W	HITES SEC	CTION 4b					Disco	Frilled	V-No.	
35 1 35' 400	3.6	**	m		47.43500.4	0.50	Blue	Pink	Yellow	
$\begin{array}{c}  ext{Mohr-Mit} \cdot 1927 \\  ext{Farr} \cdot 1913 \end{array}$	M M	$_{ m X}^{ m X}$	$_{ m M}^{ m T}$	80-77	ALAMEDAANNA FARR		$_{ m X}^{ m X}$			
Sass, J 1913	M		M	82-78	Beau Ideal			$\mathbf{X}$		
Simp1923	M	X	M	85-79	Calibee	50			X	
Cay1926	$\mathbf{M}$		$\mathbf{M}$		CIGALE			$\mathbf{X}$		
Mor1922	$_{ m ML}$	• • • • • • •	M	81-82	DAMOZEL	35	$\mathbf{X}$	• • • • •		
Mohr1924 Pfeif1923	ML M	• • • • • • • •	M M	82-82	GAVIOTA □ Kath. E. Lees □	$\begin{array}{ccc} \dots & .50 \\ \dots & .25 \end{array}$		$\mathbf{X}$		
Burch1926	M		M		Lorna Doone			$\hat{\mathbf{x}}$		
Mill1926	M		M		LA MIERKA			X		
Cay1906	$\mathbf{M}$	$\mathbf{X}$	$\mathbf{M}$	<b>7</b> 8–80	Ma Mie	25		<u></u> .		
Cay1924	Ļ	• • • • • • •	T		MANON			X		
Sass, J 1929	M M		$_{ m L}^{ m M}$	• • • • •	Matilda		$\mathbf{X}$			
Sass, J $1927$ McK $1924$			$\ddot{ ext{T}}$		Mrs. A. S. Hoyt MY LADY	- 00			X	
Sass, J1929	M		M		NEHAWKA			X		
Bliss1921	$\mathbf{M}$		$\mathbf{T}$	81-80	PRINCESS OSRA	50	$\mathbf{X}$			
Sass-Toedt. 1927	M		M		Plumed Knight		• • • • •	• • • • •		
Bliss1922 Pfeif 1923	$_{ m ML}^{ m L}$	• • • • • • • •	$\mathbf{T}$	68–71	Rose SalterneRUTH PFEIFFER					
Pfeif1923 Mohr-Mit1930	ML	$\mathbf{X}$	$\ddot{ ext{T}}$		SACRAMENTO			$\ddot{\mathbf{x}}$		
Mohr-Mit 1927	M	X	$\dot{f T}$	90-88	SAN FRANCISCO		$\mathbf{X}$			
$\mathrm{McK}.\dots.1921$	M		$\mathbf{T}$		Simplicity	50		$\mathbf{X}$		
Sturt1924	$_{ m ML}$		T	85-85	TRUE DELIGHT	2.50	·····	X		
$egin{array}{lll}  ext{Sturt} 1912 \  ext{Mohr-Mit} 1925 \end{array}$	M M	• • • • • • • • • • • • • • • • • • • •	M M	88-84 80-81	TRUE CHARMWM. MOHR			$\mathbf{X}$		
MOHI-MIL1920	IVI		141	89–81	WINI, MOHR	0.00				

GROUP 4—WHITE IRIS—Continued												
WHITE BICOLORS SECTI	ON 4c						Blue	Pink	Yellow			
Originator         Sturt	Season   Hard   M	T 8 8 M 8 T 8	Rating 87-80 76-79  80-80 80-84 82-84  86-87 77-76 79-80 84-80 82-83  76-73 77-78	Varies B. Y. MORRIS Dailia Debutante DoROTHY DI Daphne FOLKWANG. Gen. McPherson IDUNA MILDRED PR Lycaena Mary Williamso RENE CAYEU RHEIN NIXE RHEINTOCHT Richard II Salonique TROUVAILLE Mrs. P. B. Riis.	ON ETZ  a ESBY [ X   X   ER		Toned  X  X  X  X  X  X  X  X  X  X  X  X  X		X			
		NEV	W AN	D TRIAL IRIS	S							
				30 delivery where pric								
SELF WHITES SECTION 4		ieties marked (*)	subject t	to Government release	August 15,	1930						
Denis. 1925 Mlle. Je Denis. 1926 Rene de Denis. 1921 Edith C Perry. 1925 Mrs. R. Vilm. 1926 Antares Vilm. 1926 Etoile d Cay. 1925 Alcyon. Cay. 1927 Boreal. Cay. 1928 Yves Le	ean Bel \$7.50* 2 Laborde. 5.00 2 avell. 3.00 Emmett. 7.50 2.00 2 u Matin. 2.00 3.00*	MurG. & K Nicholls. Nicholls. Mohr-Mit Mor Edl.	1929 1927 1928 1928 t.1929 1923	Bolingbroke\$ Snowdrift	1931 1.00 10.00 2.00 5.00 3.50	Mrs.Dykes Mrs.Dykes Mrs.Dykes Sim	1927 Zaha 1929 Celin 1929 Clod 1929 Prue 1928 Elfin 1926 Autu	roon da a White. mn Quee	1931 1931 1931 1.00 en 1.00			
PLICATA OR FRILLED WI	HITES SECTION 4	b										
Sturt1929 Amdelia Dykes1929 Fedalma Sturt1929 Jadu	a 1931	Essig	1929	Karma1 Pink Lass Montpelier	5.00	G. & K Essig Dykes	1928 Stipp	les				
WHITE BICOLORS SECTION	ON 4c											
Wmsn1928 Onyx Millet1928 Libelulle				EstrellonAegir		G. & K Cay						
			CLAS	S III IRIS								
SELF WHITES SECTION 4												
Balaruc. Belcolor Pale. Blanc Bleute. Bosniamec. Empress.		Fairy Ivorine Innocenza			.25 .25 .50 .25 .50	Mrs. Horae Miss Willm Odin Turc	nott		1.00			
PLICATA OR FRILLED WI	HITES SECTION 4	ь										
Admiral Togo. Belladonna. Camelot. Dimity. Dan'l Le Sueur. Eclairier. Francina. F. M. Thomas. Gaiette. Hilda.		Japanesqu Jean D'Ai Jussieu Mme. Che Maurice I Midwest. Mme. Der	ue rc ereau Pritchar nis	d	.25 .50 .25 .50 .25 .25 .25 .25 .50	Mme. Chol Mary Gard Nebulae Parisiana Princess To Pocahontas Striate Whim Zouave	to					
WHITE BICOLORS SECTION	ON 4c											
Anne LeslieHuron WileMme. de Genlis		Nokomis.				Tintallion. Tristram						

### **GROUP 4 WHITE IRIS**

### Section 4a Self Whites

Should it be but six white Iris that I could have regardless of price or hardiness, they would be:

Purissima — This has everything — height, branching, size, form, texture, no objectionable veining, good tone, all except hardiness in cold climates, but it is worth protecting.

Micheline Charriere is another great Iris that lacks little. The clear gold haft venations are just right to enhance the beauty of the flower. It, too,

needs watching in the colder section.

Los Angeles—While this was introduced as a plicata, the color is confined to the hafts aside the beard. It is much like Fairy. The tone of white seems purer than the above two Iris. To me it was the finest white Iris seen to date. It, too, needs protection.

Snowhite—the purest, coldest, clear white; tall, strong, and hardy. The very little greenish haft venation enhances the freshness and purity of tone.

An indispensable Iris.

Delight—another joy to the Iris grower; fine white tone and texture with a glistening rose heart of style branches. True Delight is similar except in it the rose venation plicata like extends further along the haft.

Theseus—Since the 1928 freeze you hear little of this but it is one of the very finest whites, fit company for the foregoing. It has a wonderful intense and pleasing gold haft, pure tone and good substance. This set presents widely differing characteristics that a child could separate and distinguish; there is no duplication here.

Every champion has a runner up and every star an understudy, and so have our first six white Iris. These second six are not as wholly white as the first but have especially interesting characters.

Mystery—a unique Iris, a blended white of that pearly combination found in Moonlight being a touch of lavender and buff over white, lovely form and substance but its feature is the wonderful gold bronzed haft. A gem!

Chartier—another large flowered, fine textured white of a warm tone; being hardy it fills a place much needed.

Lenzschnee—Wonderful are the variations of the Iris! Here we have another broad petalled white of fine form which has the true white background overlaid on falls by a faint blue flush. A very original, desirable white.

Silver Queen—of the various whites with a blue flush this seems to have the most luminous tone. An altogether lovely Iris. Needs a little care to become established in cold sections.

Mrs. Perry—held by some Iris authorities as one of the finest whites. It is pleasingly flecked lavender blue. This adds to the flower which is strong textured and distinct.

Dione—Another "artist's Iris" as I term "color gems." Its feature is the finely patterned haft, blue venation aside an intense red orange beard on white. The total result is beautiful. Fine form and substance, too.

### A Group of Iris With Personality

Old Ivory—a creamy white deepening to a glowing golden heart, a clump makes a unique picture.

Cygnet—a quiet fascinating tone of ivory, soft brownish haft venation, plicata like. Form and height are its special claims.

Arlette—a splendid free blooming, cream to almost yellow heart Iris. Nothing finer for a warm white clump or mass.

Mystic—And again, an original Iris. Purest white with rosy lilac plicata like, haft edging. One of the few Iris that make an uncrowded, canna-like head of flowers.

Sea Foam—a fine, broad, segmented, early blooming Iris with a greenish yellow haft which gives an unusually fresh appearance; extra long lasting.

Zua—One of the most interesting early Iris lascinated, a pearly white with a lavender overlay. The whole has a crepe paper appearance.

Hoarfrost—a great, little, fine white mass Iris; texture almost waxy, smooth unveined, greenish yellow haft with strong beard. A garden gem.

Taj Mahal—The most majestic appearing white Iris; tall and erect as a general; strong of substance, entirely hardy. There is your tall white for a garden picture that winter won't upset, and we need such tall whites sorely.

Bolingbroke, Ric. Blanc Bleute, M. Masse, Azulado, Mrs. Robt. Emmett. As I bloom these here, they all lack what I would call the pure white tone. They show like a soiled ecru with a lavender flush. Bolingbroke with blue haft veining, so far, has looked best. Another season needed for observation.

Athene, Garden White, Milkyway, Alabaster, Zada. These are valuable, reliable garden varieties, tall and fine for garden clumps, border and mass treatment. All hardy.

White Queen, White Knight, La Neige. Lower growing than the above but very pure white of good substance. Every beginner should use them.

Florentina, Albicans, Ingeborg, Istria. The very early or intermediate group. Istria, the best, but the most tender; Ingeborg fine frilled white; Albicans, too tender, easily displaced by the similar Florentina which should grace every garden. Leota opens creamy fades milk white, slightly purple flecked, is distinct and strong.

Argentina—a tall white, haft rather coarsely veined gold. As it is not altogether hardy, I recommend it only for milder sections.

Kashmir White —a splendid thing beautifully branched, fine texture, and tone golden hafted but needs winter protection in cold section.

Shasta—a splendid white near the best. Unless it proves entirely hardy, which I am not sure of, I would not recommend it. There are some "must haves" among the whites, but after we have the few indispensable finest that are tender, there is no need of taking other tender ones.

### Section 4b Frilled and Edged Types

The plicata, edged and frilled section of Iris is a most pleasing one. The combinations in detail are a wonderful study. The effect as a whole is mostly white, an element much needed as a peace maker in our gardens.

San Francisco easily heads the list fulfilling every requirement and as near perfect as we expect to see an Iris in this imperfect world. Its companion Iris, Los Angeles, is placed in the white section

proper.

Alameda astonished me by its size, substance, color combination, height, in fact, in every way. A glorified Parisiana. It is heavily marbled and dotted, clear bluish throughout. The finest of this type; entirely different from San Francisco. Both of

these, however, are tender.

Princess Osra, Damozel, and True Charm are three splendid growing, hardy, free blooming, beautiful, indispensable plicatas. The first rather heavily frilled and dotted almost light blue. Damozel strongly frilled, and edged lavender. True Charm is more daintily etched blue lavender. I cannot easily overstate their merits with the strongest recommendation.

Manon is a lost gem; tall, hardy, fine substance, late, long lasting, large blooms. The edging quite pink excellent with the three above. Mr. Bonnewitz thought very highly of this, exclusively introducing

the stock in this country.

Ruth Pfeiffer and Katherine E. Lees—These two similar productions are extremely dainty in a pure, creamy, whiteness of extraordinary purity with the clearest pink lavender plicata markings. Choice additions to a collection.

Gaviota—a lovely, creamy white with a faint suggestion of a yellow plicata edge. Fine garden

tone. Don't miss it.

My Lady-tall, and graceful, harmonious brown

to hazel, plicata haft venation, dainty.

Simplicity is daintiness and delicacy itself an almost salmon pink heart with fine etched pattern. Small but pretty.

Lorna Doone, Prince Charming are among the pinkest of the plicatas; not large but good tone.

Nehawka and Beau Ideal are deep editions of the above. The contrast in Nehawka is remarkable, rich wine red purple in wide margin on white.

Rose Salterne—late blooming, very prolific, very blue toned edging, long segments. Altogether desirable.

Matilda, the clearest, deepest blue; finely

etched plicata; dependable and pleasing.

Mrs. A. S. Hoyt—a low growing, rich, real pink and white, dotted and veined. In the King Karl type.

Plumed Knight—another full luscious type of

pink veined and edged plicata.

Calibee, Cigale, La Mierka—these represent the newer developments of the dotted and sanded types as Mary Garden. Calibee is medium deep peppering from brownish to violet on rich cream ground, bronzy effect. Cigale, a deeper violet development of the same pattern. La Mierka is altogether lovely in having a bright, rosy tone throughout together with the widest segments I have yet seen. A deep rosy King Karl.

Anna Farr and Ma Mie are two lovely varieties on the order of True Charm, but they are a little miffy with me. Worth trying how they will do for you.

### White Bicolors Section 4c

These amoenas or white bicolors are as a class very little developed as yet. They are grouped to contain not only the old white bicolors as Rhein Nixe, but a type of bicolors either blue lavenders as B. Y. Morrison, or pink bicolors as Dalila of which the standards often fade to white in a half day.

The pink bicolors are subject to very pronounced variation somehow connected with the year's weather. Varieties like Folkwang, Debutante looked finely balanced in 1928, but in 1929 they were streaked, off-colored and lacked refinement. I have noticed this with Dalila and Anne Leslie for several years. The blues seem to be affected in a lesser degree. It is a question of degree whether we put these among the white bicolors or the respective blue or pink sections.

Another type has come up for this class, the extremely dainty pastel colored Variegata bicolor. The best examples, Iduna and Onyx, may be of same type. This variety bridges from white to yellow bicolor, next deeper are Asa and Havamal.

Of the pink to red side of this group Rene Cayeux comes first. It is the most robust and largest of the group, slightly flushed standards, rich red toned falls.

Mildred Presby in sheer loveliness of color, leads the group. Pink flushed stands; rich, red purple, almost velvety falls.

Folkwang—deeper toned red in both standards and falls. A profuse bloomer, nothing scant about it.

Debutante—a lighter edition of Folkwang when weather is favorable for its best development. Very interesting!

Dalila is still desirable with its flesh tinted

standards and soft raspberry falls.

Salonique is a larger, duller Mildred Presby with a tinge of yellow in standards. Very strong and prolific. Soon makes a mass.

In the blues we have the old Rhein Nixe good in every way. All the improvement I would make is two tones deeper blue falls.

B. Y. Morrison is the best lavender blue flushed variety.

Daphne, Lycaena, Gen. McPherson and Mary Williamson are all good blue and white, though

nothing exciting.

Richard II, though of weak foliage and low growth, is one of the very last to bloom but has the deepest velvety falls with a sharp, clear white thread edge. It blooms with Black Prince.

Iduna was one of the loveliest Iris bloomed in 1928. Fine oval segments iridescent, pearly white to gold stands. Falls centered a luminous violet purple, edged with color of standards. In 1929 the combination was not quite as clear.

Trouvaille, as I bloomed it in 1929, was exceedingly pretty. Stands flushed faintly pink; falls deep, soft, velvety purple. Its only drawback is

tenderness.

### NEW AND TRIAL WHITES

#### Section 4a Selfs

There is a lot of untried material of older dates still on hand in the whites. Rene De Laborde was hailed as the finest white a few years ago as was also Mrs. Robert Emmett. According to introductory descriptions, Mlle. Jean Bel should be very fine. Edith Cavel is, perhaps, not intended for Minnesota. Of these types, I have fairly well bloomed Bolingbroke, Mrs. Robt. Emmett, Ricardi Blancbleute. None of them showed pure white, but a sort of soiled ecru. This ground color blended happily with the blue veining of Bolingbroke. Presumably the hard winter of 1928-29 wiped out most stocks of these varieties that is why we hear no more of them. I have a really nice stock this spring and should be able to make a better report in July. This covers fairly well the Ricardi group whites.

The next type engaging our attention is Mr. Cayeux's Boreal (1928) and Yves Lasailly (1929). These are described as white with falls flushed blue. But again, like in Moonlight, their first blooming did not match this. They both bloom rather with a pearly bluish blended white tone a little clearer than Moonlight but quite comparable to it. Miss Sturtevant's Mystery is a more deeply blended development of this group. A second blooming should settle this point. Have you noticed that the original description of Moonlight had to be completely rewritten to correspond to its blooming in America?

Next we have another pair of still muddier ecrus strangely flicked and tinted. Etoile Du Matin and Antares from Vilmorin. They are the usual heavy and large type of bloom. Some seem to like them. I am up in the air about them. In the meantime you can buy a set cheap for your own observation. See special collections elsewhere in this catalog.

So far I have not succeeded in blooming Mr. Morrison's Sophronia which is stated to be a hardier Kashmir White which sounds good, but one of Kashmir White's features is height and branching. Sophronia is rated rather low growing. Samite by Bliss is another I would like to know. Since the late Mr. Burchfield gave it such a send off I would like to see it. Who has true stock? Alcyon, an Iris offered for mass planting by Cayeux, also remains unbloomed for me.

Among the newer things White and Gold by Mr. Nicholls claims our attention. I hoped a lot of this Iris, but failed to bloom it for these two years, nor am I able to get any report of 1928-1929 bloomings. White Star has bloomed, but I must see it once more for final judgment.

From Mohr-Mitchell comes Sonoma which may be an improved Yellow Moon. Whether it will be as yellow or more creamy I can't say. From Mr. Murrell comes Snowdrift claimed to be the best pure white garden Iris in cultivation.

Mrs. Dykes offers Cloda, a bluish white, gold veined variety. The combination sounds intriguing. Mr. Simpson offers Elfin White as an improved Mrs. H. Darwin.

Mr. Donahue comes forth with Polar King, the most pretentious claims so far made for a white. Virtually a white Mme. Gaudichau; high scoring and of great substance; hardiness especially stressed.

Mrs. Dykes' Zaharoon is highly commented on abroad. Whether it belongs in the blended whites or the yellow section, I must see if it blooms this year.

The Misses Sturtevant and Edleman offer Ambrosia and Gold Stream, varieties that I think will be along lines of Gold Standard. They are half way between white and yellow but firmly finished. Their qualities will grow on us with better acquaintance.

Let us hope that we will emerge with a few pearls from this bagful of new things.

### NEW AND TRIAL PLICATAS

### Section 4b

The small list of unbloomed plicata and stippled varieties seems to be of good quality. First should be Mohr-Mitchell's Sacramento. This is stated as comparable in size and habit to San Francisco but with stands edged red purple; falls veined same. Next Rheinfels by Goos and Koeneman. It seems an exceptionally well finished type on order of Anna Farr and should prove strong. Miss Sturtevant's Amdelia and Jadu are pink and rose developments of the King Karl, Mme. Chobout types. They may have too much color to be left in the white flushed, sanded section. Karma is another offering by Miss Sturtevant, an improved Lona. Pink Lass by Essig is along same lines as last two; tinted stands, edged falls rose purple. offering is Stipples which is a paler blue combination of these types. Fedalma offered by Mrs. Dykes is still another of the rose purple bordered plicatas. Montpelier, offered by Mr. Simpson, is evidently a more blended, stippled, effect darker dotting; in direction of Cigale. It seems an improved Calebee.

All the new things will be thoroughly covered in our 1930 news bulletin to be published in July covering the blooming season. See inside front cover how to get one.

### NEW AND TRIAL BICOLORS

#### Section 4c

There is very little ahead in new amoenas. Perhaps the most promising is Rheintochter by Goos and Koeneman, also Dorothy Dietz by Mr. Williamson. Judging by the description of Onyx, it should turn out something like Iduna. Estrellon, by Mohr-Mitchell turned out too muddy and streaked in 1929. I will give it another trial. The G & K varieties Aegir and Bele should, according to description, be on lines of Dalila and Anne Leslie; but as they bloomed they were irregularly flushed and streaked. As 1929 was an off year for pinks, they will be observed once more in 1930.

### CLASS III WHITES

### Section 4a Selfs

In our Class III there are a few interesting things. Miss Willmott and Kashmiriana are breeders Iris of wonderful leathery texture, but rather difficult in northern gardens. Fairy is still an endearing Iris. Belcolor Pale, a unique creamy buff note for color blending. Mrs. Horace Darwin a fine bluish white mass effect Iris. Ivorine a good early intermediate.

### Section 4b Plicatas

It is difficult to omit so many likable Iris from our select company. Varieties that bloom early

enough for the intermediates are Harriet and Belladonna, blue; Maurice Pritchard, pink. The best still are Fairy, Mme. Chobout, Camelot, Dimity, Princess Toto, Midwest, Nebulae.

### Section 4c Bicolors

Our third class has several things that I still must have. Tristram nearly black and white, Tintallion, quaint and low growing could be used in rock gardens; Syphax, a rich, silky, red lilac purple combination; Mrs. Fryer, the same effect in bluer tones. In fact, the whole group is still interesting.

### REGELIO, ONCOCYCLUS AND THEIR HYBRIDS

(Reprint from 1929 Edition)

There is a group of Iris with hidden delights, because locked under what seems forbidding cultural difficulties. Yet at their worst, they offer no greater problem than if you practiced taking up your Tulips every year after foliage has ripened.

Their native habitat is Asia Minor, Turkestan, Palestine, where the summers are hot and dry and winters are only moderate. Centuries of growth under these conditions have fixed their requirements. If we meet these demands, we will have success.

Soil should be rather light and sandy with more lime content than other Iris, plenty of moisture during the early growing to blooming season. As foliage ripens the large tap roots change from white to brown, usually the early part of July. At this time take them up and keep them in dry storage. Replant in fall about October, early enough to allow some root growth but not so early that top growth would appear in Fall. We protect well to avoid excessive freezing.

Their blooming period is with the Intermediates. They are striking in appearance; some are very beautifully veined. The outstanding feature is the delicate contrastive veining throughout the flower, for instance, Korolkowi (chocolate veins on creamy background).

The Regelios are easiest to handle. Flowers somewhat conical, beards thin and sharp. The beautiful light blue Hoogiana is of these as well as Korolkowi mentioned. The Oncocyclus are slower growers and more temperamental. The flowers are more globular, the beards heavy caterpillar like, a deep blackish blotch on Falls characterizes them.

Following herewith is a list of the principal members of these groups and also the several groups of Hybrids as indicated. These Hybrids are considerably easier to take care of. The Regelio-Cyclus group should be taken up like the species, but the several Pogo-Cyclus Hybrids may be left in the ground although they will be benefited by approximating the dry and hot summer culture. We hope to have considerable more to report next year on these interesting groups.

**REGELIO GROUP.** Hoogiana, Stolonifera, Korolkowi, K. Atropurpurea, K. Concolor, K. Leichtlini, K. Venosa, K. Violacea, Leichtlini, Vaga, Korola.

ONCOCYCLUS GROUP. Mariae, Lorteti, Atropurpurea, Lupinda, Sarii, Safrana Gwineri, Susiana, Acutibola, Atrofusca, Bismarkiana, Ewbankiana, Gatesi, Iberica, Medae, Nazerena.

REGELIO-CYCLUS GROUP. (Hybrids by Tubergen.) Charon, Eurydice, Isolda, Hera, Luna, Saturnus, Mars, Hecates, Isis, Camilla, Eunice Thalia, Clotho, Clymenstra, Artemis, Parthenope, Andromede, Cassandre, Irma, Sirona, Psyche, Una, Dido.

**REGELIO-POGON GROUP.** (Hybrids by Mohr.) Bellorio, Carmelo.

POGO-CYCLUS GROUP. (Hybrids by Foster.) Dalkish, Dorak, Giran, Hamadam, Ibpall, Ismali, Lady Lilford, Nazarine, Pandora, Parsm, Parvar, Semele, Shiran, Shusan, Vulcan, Ferakan, Allegria, Anemopis, Antinea, Mestor, Nefert, Parcina, Shiraz, Sir Trevor Lawrence, The Dove.

(Hybrids by Denis.) Mons. Steichen, Zwanenburg. (By Tubergen.) Ib Macrantha. (By Wm. Mohr.) Wm. Mohr, Morera. (By Cayeaux.) Congres. (By Williamson.) Cherokee Maid.

### DWARF, EARLY BLOOMING IRIS

I find myself getting more and more interested in Dwarfs. They come when we are eager and hungry for color and for the first proofs that another Iris season is around the corner. They sound like the tuning up of the orchestra does to the eager musical devotee.

There are then a number of fine individual varieties almost as interesting at their time as the tall bearded are later. I offer two collections covering the best of these. Their use for Rock Gardens is just being discovered. Here they are dependable.

Properly planned and planted they make fine carpets of color, AZUREA with an appealing sky blue effect; ATROVIOLACEA nearly as early a rosy purple; MIRELLE glistening bronzed claret purple with conspicuous contrasting gold beard, if seen towards setting sun it is wonderful; GLEE and BLACK MIDGET sprightly graceful.

My own preference is for the clearer, brighter varieties. There are many muddied combinations that I hope to eliminate by this spring's comparison study. There are also a number that regularly winter kill as Silver Elf, Quaint, and Max. That is why stock of these remains rare and high priced.

The most satisfactory carieties are:

1A—LIGHT BLUE: Coerulea, Burchfield's Cyanea.

1B—MEDIUM BLUE: Reflection, Verna.

1C—DARK BLUE: Huron Imp, Marocain. No light or medium pink dwarfs.

2C—RED PRPLE: Atroviolacea, Mireille, Black Midget, Endymion.

3A—YELLOW SELFS: Harbor Lights, Sulphur, Orange Queen, Glee.
The best yellow blends and bicolor to be deter-

mined this season.

4A—WHITES: Bride, Eburnea. No satisfactory plicata or white bicolors.

One of the finest blue white blends is the dwarf Pogo-Cyelus Mons Steichen, a real gem. It's as easy to grow as average bearded varieties.

### SEMI-DWARFS

LUTEA, soft yellow, LURIDA brownish red purple, ZWANNANBURG a Pogo-Cyclus that grows freely with large blooms of drab russet and oxblood blend. KURDISTAN a most robust heavy substance red purple. YLO an unusual tone of greenish yellow flaring falls. PEARL BLUE a miniature mother of pearl.

The best way to get acquainted with the dwarfs is to buy one of the two moderate collections offered in the Bargain Collections Section. The available sales stock is listed following the general alphabetical index section. Besides this we have growing a large test block of imported varieties all of which I hope to report on in the midsummer bulletin.

### INTERMEDIATES AND EARLY BLOOMERS

In the past we recognized a definite separation between the June flowering varieties, and the so called intermediates flowering from one to two weeks earlier.

However, there are now so many early flowering varieties among the tall bearded Iris, that it is best to merge them in the general list and indicate them by the symbol VE (very early) in the column showing bloom season. You will find them among the various color classes.

Following herewith is a brief summary of the best varieties. Repeatedly I found that Soledad and Istria winter kill. They are so pretty, however.

1A—light blue: Charmian, ARIEL, Pearl Blue. 1B—Medium Blue: Firmament, TITUREL.

1C—Dark Blue: CRETAN, Chief, Major, LULL-WORTH.

2A—Light Pink: Mary Gibson, earliest light pink, tall.

2B-Medium Red: ROSE UNIQUE.

2C—Dark Red Purple: LUSTRE, KOCHI, Kurdistan.

3A—Yellow: SOLEDAD, Primavera, Nymph, Sunbeam, Yellow Hammer.

3B—Yellow Blends: Doxa, ZWANNENBURG.

3C—Yellow Bicolor: no early variegata bicolor. 4A—Whites: Florentina, Istria, ZUA, INGE-

4A—Whites: Florentina, Istria, ZUA, INGE-BORG, Autumn Queen.

4B—Plicatas: MAURICE PRITCHARD or Harriett.

4C—White Bicolors: No early white bicolors.

The newest developments in early booming Iris are Ragusa (2C) and Challenger (1C) by Sass, Moonbeam (3A), Sunbeam (3A), Storm (2C), Starlight (3A), Gloraming (2C) by Murrell. Ladies of Peeling by Mrs. Dykes.

For bloom with dwarfs and intermediates, I would direct special attention to the growing of some of the Pogo-Cyclus which are as easy to grow as the tall bearded varieties. Of these, Mons Steichen, a dwarf form, is the most beautiful. Zwannenburg, a semi-dwarf, is of remarkable coloring and most interesting. (See complete list priced following the alphabetical index.)

The great variety, Wm. Mohr, America's most sensational Iris, belongs to this group. We have not found it at all difficult to grow after getting stock acclimated. In fact, it proved hardier than a score of tall bearded varieties growing in the same garden section. It should be transplanted about the middle of August, however.

Next I would recommend the Regelio and Regelio Cyclus. These are doing remarkably well for us in health, bloom, and increase indicating that our treatment agrees with them. In sheer beauty of color combinations, inimitable veining, and graceful form they have no equal. Illustrations fall way short of doing them justice. We will bloom a large block of these and our summer bulletin will give detailed account of varieties. (See price list at end of Alphabetical Index.)

## APOGON—BEARDLESS IRIS

(Reprint from 1929 Edition)

Here is a relatively untapped spring of Beauty. A wide range of types and colors awaiting the Hybridist's hand to unfold a vast panorama. We have initial collections growing and can at present offer only introductory remarks.

CULTURE. The Sibirica group and also the Spuria require much the same care. They do best in a more moist situation than the bearded garden Iris, especially in spring until blooming time. They enjoy a richer soil and plenty of humus content, need no lime, but will do in a neutral soil. You can create these conditions by getting some boggy soil to mix in your garden. You can supplement a good deal by keeping up thorough cultivation all summer.

The Hexagona need similar rich soil but above all an abundance of sun, Foliosa for north, Hexagona for warmer sections. This group has very great possibilities to develop fine examples of Iris. The Laevigata will thrive in boggy soil but can be adapted to gardens by meeting conditions half way. The Kaempferi will take similar treatment as the Laevigata.

SIBIRICA GROUP. The color range is white, variations of Blue Purple, two variations of Red Purple, as Red Emperor and Red Raider, and two yellow species, Foresti and Wilsoni. Foliage, lax and graceful, a fine border picture. Flowers delicate and artistic, especially fine as clumps near pools. They can also be used as cut flowers, in baskets, etc. Kingfisher Blue, Emperor, White Owl, Nora Distin, are distinct and fine examples. Prismatica, dainty and slender, Chrysographes, odd color, blotched red purple. Our growing List of Species and Hybrids is as follows:

I. Siberica, I. Orientalis, I. Bulleyana, I. Chrysographes, I. Forresti, I. Prismatica, I. Clarkei, Delavyi, Prismatica, Chrysographes, Kingfisher Blue, Blue Owl, White Owl, Turquoise Cup, Bob White, Wilsoni, Red Raider, White Dove, Miss Dodo, Snow Queen, Lady Godiva, Emperor, Perry's Blue, Perry's Pigmy, Nora Distin, Red Emperor.

SPURIA GROUP. The color range is blues, yellows, creams and white. Flowers larger and longer in all parts than Sibiricas. Original shape. Foliage stiff and swordlike, making for very distinct effects. Blooming period follows Tall Bearded and Sibiricas. The best are: Shelford

Giant, Cream Ochraleuca, white gold blotch; Monaurea and Aurea, light and dark yellow; Lord Woolsey, blue. Starred varieties on our want list.

Ochraleuca, O. Snowflake, O. Queen Victoria, O. Sir M. Foster, Shelford Giant, Sintensit, O. Minor, Alice Eastwood, Spuria, S. Pallida, S. Notha, S. Alba, Lord Woolsey, Monaurea, I. Graminea (dwarf), I. Gludenstadiana, Aurea, Monniori, Monspur, M. D. Foster, M. Cambridge Blue, M. Premier, M. Lord Balfour, M. Lord Woolsey, Halophila, Mrs. A. W. Tait, Ochraurea, Ochraleuca Sulphurea, O. Warei.

HEXAGONA GROUP. A unique type, a departure in form and color. Range from the fine Blue Purple Hexagonia, to the terra cotta Fulva. Flower more flattened; Japanese style. Fulvala, Foliosa, the Hybrids Cacique and Dorothy K. Williamson are outstanding examples.

liamson are outstanding examples.

Hexagona, Sagamore, Savannarum, Purpurea, Cacique, D. K. Williamson, Foliosa, Fulva, Fulvala, Purpurea.

LAEVIGATA GROUP is interesting as it contains the divisions of Pseudacoris, Setosa, Tripetala and especially Versicolor and its variations from white through blue to red purple. This native member deserves our special attention. Stella Main, white; Shrevei, soft lavender; Columnae, clear blue. Rosea and Kermisana, light and darker on rose extreme.

I. Laevigata, L. Albopurpurea, L. Alba, L. Rose Queen, L. Semperflorens, I. Pseudacorus, P. Acroides, P. Alba, P. Bastardi, P. Folis Varigata, P. Unicolor, Setosa, Tripetala, Versicolor and Var., Carolina, Virginica, Kimbaliae, Versicolor, V. Foresti, V. Columrae, V. Rosea, V. Kerminsana, V. Shevrei.

CALIFORNIA GROUP. A group of semi-dwarf varieties difficult to transplant; they do not figure very heavily in the Iris scene.

Bracteta, Purdyi, Douglasiana, Tenax, Longipetala, Missourensis, M. Bluebird, M. Snowbird, Montana, Tol-Long.

JAPANESE I. KEMPFERI GROUP. A large number of named varieties in great confusion. The Brooklyn Botanical Gardens are working on this problem.

CRESTED GROUP. Delightful, early blooming semi-dwarf subjects. Cristata, Cristata Alba, Tectorum.

# 1930 BARGAIN COLLECTIONS

If every prospective purchaser of Iris would realize the scrupulous care and study with which these collections have been assembled, they would have no hesitancy in buying them. The same high quality of roots is used as in all orders. The varieties are of the most beautiful in the catalog. Taking all in all these collections are the best buys of the year, no matter which way you look at them.

#### 1930 MASTER COLLECTION

One Each, Large Flowered, High-Rated, Twenty-two Varieties

#### Catalog Value, \$11.50—Special Collection Price, \$7.50

Ambassador Citronella Prospero Moonlight Morning Splendor Asia Mother of Pearl Tenebrae Mrs. H. F. Bowles Dejah Evadne Duke of York Mary Gibson Ariel Mystic Susan Bliss Damozel Ramona Yellow Moon Imperator Acheron Amber

# HERE THEY ARE—DOMINION IRIS AT POPULAR PRICES

#### Twelve Varieties, Standards Roots, \$15.00

At last I am able to offer an extensive selection of the best varieties of the famous Dominion Race of Iris at a low collection price. They are:

DominionRomolaConchobarTenebraeDuke of BedfordCanopusYoemanTitanBertrandMajesticBrunoMoa

# THE NEW VILMORIN TRIAL COLLECTION 10 Varieties, Special Collection, \$15.00

The varieties are:

Andromede Bellatrix Fra Angelica
Antares Cassiopee Etoile Du Matin
Arcturus Vega Pegase
Argos

The newer Vilmorin varieties are most unusual in style. All have large, massive flowers of good substance and a style all their own. The colors range from blended whites to odd combinations of bronzed red and blue purples much influenced by yellow blending. Very difficult to describe. Some like them and ask high prices for them. Therefore, I will offer a representative trial set at a nominal price providing you will agree to write me a candid report on their blooming. This collection at various catalog prices would sum up to \$50.00. The offer is subject to withdrawal after a certain number of sets have been sold.

#### THE 1930 SURPRISE COLLECTION

# Fifty Different Varieties, Finest Roots, Each Labeled, \$5.00

Guaranteed \$25.00 Worth at Catalog Prices

There will be many a gem worth \$1.00 or more included in these collections. So sure am I of pleasing you that I will let you open the package, look at shipment, and if you are not highly pleased, return the package there and then without expense to you. I will take orders for double collections, 100 different roots at \$10.00 with the same guarantee.

#### TRY MORE YELLOW IRIS

#### Five of the Finest Yellows, \$5.00

They will light up your planting in a surprising manner. Five varieties selected from following list of ten:

(1) Amber or Chasseur.

(2) Gold Imperial or Yellow Moon.

(3) Citronella or Rialgar.(4) Shekinah or Inner Glow.

(5) Autumn Glow or Golden Promise.

# NEW GOOS AND KOENEMAN TRIAL COLLECTION

12 Varieties, Catalog Value, \$33.00 Special Collection, \$20.00

AareshorstAlfheimAsaAegirBeleBronzeshildGoldvliessGandvickLenzshneeHavamalRunsteinThorsten

These new German Iris represent a remarkable break from their earlier varieties. Absolutely distinct in the entire Iris world and of extraordinary garden value. They are so little known that I will make a very special inducement of a fine dozen at a great saving. I especially recommend these to growers that do considerable business through garden visitors.

## **EDUCATIONAL COLLECTIONS**

(For Amateurs)

#### COMPLETE IRIS GARDEN COLLECTION

# 48 Fine Varieties, Catalog Value, \$39.70 Special Collection Offer, \$25.00

A complete balanced Iris Garden comprising four fine selected varieties of each of the twelve color groups represented in the Iris color range.

1A—LIGHT BLUE, Duke of York, Asia, Loetitia Michaud, Halo.

1B-Hussard, Melrose, Perladonna, Brenthis.

1C—Madame Gaudichau, Majestic, Yoeman, Pioneer.

2A—Dream, Queen Catérina, Wild Rose, Mary Gibson.

2B—Evadne, Abenda, Lord Lambourne, Sir Galahad.

2C—Acheron, Imperator, Tenebrae, Morning Splendor.

3A—Amber, Yellow Moon, Golden Promise, Chasseur.

3C—Citronella, Mrs. H. F. Bowles, Maori Princess, Argynnis.

3B-Ramona, Guileless, Palemon, Le Grand Ferre.

4A—Alabaster, Taj Mahal, Theseus, Moonlight.

4B-Princess Osra, Damozel, True Charm, Gaviotta.

4C—Mildred Presby, Rene Cayeux, Iduna, Gen. Mc-Pherson.

#### POGO-CYCLUS COLLECTION

8 Varieties, Collection Price, \$5.00

To enable all to try these oddly beautiful varieties which are as easy to grow as the tall bearded varieties; they are—

Mons Steichen (dwarf) Ferakan (dwarf) Dorak (dwarf) Hamadan

Morera Ib-Pall Nazerine Lady Lilford

# ROCK GARDEN COLLECTION

25 Dwarf Iris, \$3.50

3 Coerulea, 3 Cyanea, 3 Marocain, 3 White Varieties, 3 Orange Queen, and 10 selected named varieties.

# ACQUAINTANCE COLLECTION OF DWARFS 12 Varieties, \$2.00

LIGHT BLUE—Cyanea, Verna
RED PURPLE—Mireille, Marocain
YELLOW—Stewart, Ylo, Orange Queen
WHITE—Schneekuppee, Bride
BLENDED—Zwannenburg

#### COLOR RANGE COLLECTIONS

One variety each of the twelve color groups found in the Iris. An examination of the varieties included will reveal that the selection is confined to the very finest in their price range.

#### COLOR RANGE COLLECTION "A"

Loetitia Michaud, 1A; Wedgewood, 1B; Germaine Perthuis, 1C; M. Cecile Bouscant, 2A; Evadne, 2B; Morning Splendor, 2C; Chasseur, 3A; Vesper Gold, 3B; Maori Princess, 3C; Micheline Charraire, 4A; Princess Osra, 4B; Iduna, 4C.

Catalog Value \$22.00, Special Collection Price \$15.00

#### COLOR COLLECTION "B"

Ballerine, 1A; Hussard, 1B; Yolande, 1C; Susan Bliss, 2A; Lord Lambourne, 2B; Tenebrae, 2C; Amber, 3A; Endymion, 3B; Citronella, 3C; Moonlight, 4A; True Charm, 4B; Mildred Presby, 4C. True Charm, 4B; Mildred Presby, 4C.

Catalog Value \$11.00, Special Collection Price \$7.50

#### COLOR RANGE COLLECTION "C"

Duke of York, 1A; Miranda, 1B; Yeoman, 1C; Dream, 2A; Rugajo, 2B; Karen, 2C; Chalice, 3A; Ochracea, 3B; Mrs. H. F. Bowles, 3C; Mystic, 4A; Damozel, 4B; Daphne, 4C.

Catalog Value \$4.70, Special Collection Price \$3.00

THE THREE COLLECTIONS, \$22.00

#### LITTLE JEWEL COLLECTIONS

#### No. 1-Set of 20, \$3.00

Abenda, Balder, B. Y. Morrison, Queen Caterina, Cecil Minturn, Chalice, Damozel, Dejah, Elberon, Ambassadeur, Harpallion, Jennett Dean, Kalos, Karen, Palemon, Prospero, Steepway.

No. 2-Set of 10, \$3.00

Ariel, Arlington, Autumn King, Carcanet, Cinderella, Harmony, Mrs. H. Mattson, Mme. Gaudichau, Susan Bliss.

#### No. 3-Set of 10, \$5.00

Asia, Cassandra, Citronella, Evadne, Gold Imperial, Lord Lambourne, Moonlight, Princess Osra, Tenebrae, Yellow Moon.

### No. 4—Set of 10, \$7.50

Arlette, Amber, Alvarado, Acheron, Autumn Glow, Chasseur, Apache, Majestic, Pioneer, Taj Mahal.

## THE ESSENTIALS OF PLANTING

(Reprint from 1929 Edition)

The bearded Iris will thrive best with plenty of sunshine, the more the better. Shade will reduce blooming freedom.

Any good garden soil, avoiding strawy and nitrogenous fertilizers or excessive humus content, brings results. Bone meal is the safest fertilizer. Lime in some form should be incorporated in the soil.

Complete drainage is imperative—water must run off properly, especially early thawing must not cause standing water later again to freeze. A lightly mounded or curved surface is desirable. When planting under dry summer conditions, raise the planting spot or row slightly higher than its final stand. This will allow you to start the Rhizome slightly deeper for purpose of getting it established. Weather erosion and cultivation will gradually wear this mound to original level. By that time the root has become established; your Iris will then set as it should near the surface, "Like a duck on water." To plant as shallow as is desirable at the outset during the summer would bring difficulties in establishing the roots.

During the very dry periods, when transplanting, water the lower area of the hole, but keep surface dry dust mulched and don't let it "bake in" or become surrounded by weeds. This important.

If your winters bring snow promptly and it stays on ground until final thaw in spring, you need no special protection except to see that melting snows drain off easily. If your situation is exposed that snow blows off and if there are alternating thaws and freezes while in wet condition, a little care will be amply repaid with the better varieties.

Dry, cold storage conditions are ideal winter conditions for the Iris. There are many ways that will suggest themselves. One way; before freezing time drive a stake near plant, then after ground is frozen, throw a fork of straw, hay, leaves, etc., around and over the plant. Then force a sheet of tar paper or roofing material over the stake. This will prevent it from blowing off, and will furnish a water shed from any unwanted moisture, until uncovering. It is, of course, presumed that the ground itself will shed water from the neighborhood. Be sure you do not make a winter home for field mice. By this method I have brought California varieties through Minne-

sota winters in virtually evergreen condition. These recommendations are for those who have trouble with the finer varieties through winter killing.

If in spring you find that in some varieties the center rhizome or bloom point is killed, cut out clean to sound tissue. Pour a wine colored solution of permanganate of potash over the cut and leave exposed to air and light. No need of removing or transplanting the whole plant. This treatment also applies whenever rot starts on your plant during the summer. If any killed or rotting tissue is not cut out and removed, it may spread through the whole plant. Therefore, it is advisable to go over all plants in the spring for this condition.

During warm and rainy weather in spring, often a pocket is formed by the foliage on the blooming stalk holding water. Warm weather will start bacteria growing under these conditions; that is why so often the bloom stalk starts the typical Iris rot at the base, just before blooming time and during it.

A moderate surface application of Acid Phosphate should have a deterrent effect on Iris rot and also have some fertilizing value. This is also

known as Super Phosphate.

The Iris borer can be seld in check by examination, by more frequent resetting, by planting in more open windy situations—where that is practicable. Years ago I saw a recommendation of Lantern traps against night-flying moths; why would this not work here? I also saw the advice to install Martin houses as Martins are very destructive to evening flying insect life. A thorough cleaning up and careful burning over is also recommended.

# **SPRING, 1930**

In this section there has been considerable winterkilling. Very early subzero weather with scant snow, a prolonged January thaw, explains it.

I had most signal proof of the efficacy of covering for this section. Many cases where covering was uneven or partly blown away, plants were killed, those remaining covered came through and the heavier they were covered the better they came through. More about this in the summer bulletin.

# BETTER RESULTS FROM TRANSPLANTING PROPER TYPE OF ROOT AT PROPER TIME

(Reprint from 1929 Edition)

Before discussing so called Iris roots clear ideas as to terms should be established. A clump of Iris in your garden is a group or colony of individual rhizomes each of which has a life cycle from its birth to bloom and seeding. By roots we mean the feeding roots of a rhizome and not the rhizome itself.

The life cycle of an Iris rhizome is two years from bud formation in July of one year followed by a year of growth culminating in bloom in the second June and leaving only an atrophied hulk after seeding. This is the normal performance of a rhizome well cared for in proper environment.

The time to remove a rhizome for propagation is when it is one year old from bud formation. At this time its parent rhizome has bloomed and is drying up and the side shoot start to set its own feeding roots in a large way. Before this takes place we should have it set in its blooming location so that all this root growth benefits the new rhizome.

At this time it is only a single finger with no developed side shoots and does not present the appearance of big root, but by fall it will be firmly established with a set of from two to six side shoots banked by a well established root system and in spring such a rhizome starts away with a bound to grow and bloom yielding both the best

flowers and largest divisions.

This growth proceeds in exactly the same manner whether the particular rhizome is removed for transplanting or left to grow on at its home site. There is a latitude of from four to six weeks after blooming within which transplanting yields much the same results. I am inclined to think that two to four weeks after blooming is the very best time for this work. If moved immediately after blooming the young rhizomes do not seem to take hold as promptly and grow on as vigorously as several weeks later when they seem to have a real will to grow. This is confirmed when you examine the plants that are not divided and note how the ground cracks from growth and expansion a month after blooming.

Unfortunately, most growers and customers so much prefer to get an eyeful that they actually prefer the poorer root for this purpose because it looms bulky at time of receipt. Some growers capitalize this weakness by claiming to send out larger roots actually illustrating roots in a condition that never should be taken up after they had reached that state of growth and development.

The proof of this statement is a careful checking of plant the following year as to bloom, vigor of growth and general condition. Time and again I noted the great advance of early transplanting over late planting of a further advanced root.

A good demonstration for any one is to choose two rhizomes for the following experiment: Select a plant about July 1st with two equally vigorous side shoots; remove one now and plant it. Let the other one grow at old location until September 1st (by that time it will look the larger of the two); transplant it now. Next June following check up the two plants and you will see at a glance what it would take pages to explain.

Spring division offers no advantage. A rhizome cannot be divided twice within 12 months. Now I do not mean a clump but a single unit rhizome. July, in this latitude, is best time, and the plant is not large enough by spring to permit further division. Only when July division is not practiced or division made from old clumps can spring dividing be practiced, but who would say that division the spring after was superior to dividing the July before?

We meet another type of rhizome. In a clump or colony of them, some, because of crowding and lack of nourishment do not reach their full development, and keep on growing for one or a number of years without developing side buds or blooming, simply leaving behind a hard segment of the year's growth at the base of the rhizome, leaving a series of hard joints which strangely and erroneously are often chosen for illustrating as typical Iris roots. Perhaps because the real effective transplanting rhizome does not make much of a picture, being simply a fan with a thickened base at its best transplanting time.

This type of root when transplanted into better surroundings sends up a number of these belated, and deferred side shoots, but not strong. It will take them two years to catch up. There is nothing that can deliver better results than the strong, yearling, fresh green rhizome.

#### ROOTS AS I WILL SEND THEM OUT

Five years of personal work of dividing and resetting well over a hundred thousand rhizomes and observing results have conclusively proven to me that the strong, young single finger or fan rhizome of previous season's growth detached from the old root is the logical, typical, propagating unit.

If divided and reset in July or August it will bloom the following year from the main fan, providing of course that proper care is given. I bloom over 90% of these kind of roots set out each year, the only exceptions being some varieties of natural slow growth or shy blooming habits.

These fresh young rhizomes will, during the course of the summer and fall, form from two to six new side eyes, according to the growing habit of the variety, and according to the congenial growing conditions furnished, and also according to favorable weather conditions under which they must grow.

One strong healthy single rhizome is indicated by the price. The actual size of the rhizome varies according to the particular variety. This variation is considerable. Some varieties always form large plump fleshy roots, others lean and small size roots.

When a typical first size rhizome is not available, more than one is given, if of smaller size. I would be delighted if all my orders were filled that way.

# **SPRING, 1930**

Time forbids to rewrite this section. This I will do in summer bulletin. There is something to be said about so called Mother Roots. Two year old roots very misleading and incorrect terms when applied to Iris roots indicating a lack of understanding or an effort to steal a march on competitors with mere camouflage. I will not sacrifice sound and correct practice principles for business advantages.

# THE SYMPOSIUM'S FINEST IRIS

(For Iris Students)

This comprises the tried and proven varieties all rating 83 and upwards to 95. They are, of course, the first to buy; there is very little to gamble about them. They are divided into color sections and three principal national groups making for interesting comparisons.

#### **AMERICAN**

#### **ENGLISH**

#### FRENCH

#### LIGHT AND MEDIUM BLUE TONED

Candelight
Santa Barbara
Mary Barnett
Asphodel
Elaine
Hidalgo

El Capitan Bandollero Odaroloc Conquistador Alvarado Princess Beatrice
Asia
Gabriel
Ann Page
Wedgewood
E. A. Bowles
Hippolyta
Lady Sackville

Simone Vaissiere Souv. de L. Michaud

#### DEEP BLUE TONED

Acheron Brenthis Lent. A. Williamson Sir Michael
Pioneer
Majestic
Moa
Bertrand
Duke of Bedford
R. W. Wallace
Dominion
Swazi

Germaine Perthuis Mme. Gaudichau Alcazar

Alcazar

#### LIGHT AND MEDIUM PINK AND RED TONED

Zuln

Dream Dolly Madison Queen Caterina Wm. Mohr Sir Galahad Rajput Ortrud Frieda Mohr Naomi Julia Marlowe Mary Gibson
Sweet Lavender
Susan Bliss
Romola
Evadne
Aphrodite
Mrs. Marian Cran
Olive Murrell

Mme. Cec. Bouscant Magnifica M. Abel Chatenay Solferino Belisaire

#### DEEP PURPLE TONES

L'Aiglon Glowing Embers Sequoiah Mauna Loa Esplendido

Oread Redwing Morning Splendor Petruchio Geo. J. Tribolet Grace Sturtevant
Mrs. Valery West
Cardinal
Bruno
Peerless
Tenebrae
Glamour
Conchobar

Labor Medrano Ambassadeur

#### YELLOW TONED

Aliquippa Primrose Gold Imperial Yellow Moon Maori Princess Prairie Gold Vesper Gold Velencia King Tut Rialgar Amber Citronella

Centurion

Mme. Durande Claude Monet

#### WHITE VARIETIES

Purissima Chartier Snowwhite Taj Mahal San Francisco True Charm True Delight Mildred Presby Mrs. Perry Moonlight

Mich. Charraire

## THE FINEST OF THE NEWER UNRATED VARIETIES

A small army of hybridizers sees to it that we are kept well supplied with an ever-increasing stream of yearly introductions at ever-increasing prices. While there are some truly fine things arriving many will again disappear in a few years. The best of them are listed below, arranged so that a direct comparison may be made with the older rated varieties.

#### **AMERICAN**

#### **ENGLISH**

#### FRENCH

#### LIGHT AND MEDIUM BLUE TONED

Aurifero Kalif Purple Haze Western Skies Gleam Surprise Pacific California Blue Blue Banner Persia Iriscrest Lindbergh Ariel
Realm
Duke of York
Lady of June
Cydnus
Marjorie Tinley
Duchess Sarah

Clytemestra

Sensation Astronome Nordmann Gandvick (Germ) Hussard

#### DEEP BLUE TONED

Buto
Baldwin
Nocturne
Cinnabar
Sorcerer
Van Cleve

San Diego Katherine McFarland Ion Modoc Mt. Royal Mrs. Ed. Harding Sir Michael Palaemon Mark Antony Amneris Virov

#### LIGHT AND MEDIUM PINK AND RED TONED

Canyon Mists Midgard Indian Rhea Trostringer Edgewood Esterel Eventide Lamia Rosada Omaha Skitchewawg Newtonia Felicity Satin Rose Eliz. Egleberg

Allure Romance Crimped Beauty Farandolle
Fragonard
Thais
Fascination
Anne Marie Cayeux
Frivolite
Graziella
Phedre

#### DEEP RED PURPLE TONES

Arzani Bravura Coppersmith Mauna Loa Montour Redwing San Luis Rey Shiawassee Tyrean Andrew Jackson Morning Glory Mary Elizabeth
Indian Chief
Dauntless
Brangaene
Monterey
Jackrose
Grand Monarch
Fire God
Klamath
Oregon Giant
Oregon Beauty

Castor
Grace Sturtevant
Melchior
Senlac
Egypt
Paros
Proconsul
Rhodes
Tarsus
Runstein (Germ)
Aareshorst (Germ)

Gluck
Le Correge
Magenta
Mile. Suz. Woolfry
Mme. Roumestan
Orion
Pavanne
Nene
Don Juan
Enchantment
Depute Nomblat
Vert Galant
Evolution
Hernani
Cassandre

#### YELLOW TONED

Nebraska Coronation Golden Glory Gold Standard Nymph Sunlight Gold Stream Desert Gold Mirasol Corona Sanoma Avator

Cameliard
Doxa
Endymion
Ishtar
Loudoun
Tuscany Gold
Honeydrop
Parma
Vishnu
King Tut
Gay Hussar
King Midas

Sundeam W. R. Dykes Moonbeam Jason Zaharoon

Pluie d'Or. Helios Claude Aureau Fra Angelica Rosa Bonheur Henri Riviere Asa (Germ) Thrudwang (Germ)

#### WHITE VARIETIES

Los Angeles Mystery Dorothy Dietz White & Gold Sophronia Andelia Karma Polar King Alabaster Black & White Alameda Silver Queen Snowdrift Joyance La Mierka Rene de Labourde Yves Lasailly Boreal Iduna (Germ) Rheintochter (Germ) Lenzschnee (Germ)

# The Iris Game

As an Iris lover, many topics connected with the growing and distributing of our beloved flower are of great interest to me and I am sure to others. Not having space here, I have reserved for the Mid-summer bulletin announced on opposite page, some of the following topics of interest as

#### THE IRIS OF THE YEAR

A special review of what are the most outstanding things kept free of promotional motives.

#### THE IRIS TRIANGLE

Originator, Distributor, Consumer. A discussion of their rights and duties in a well conducted Iris world, with a view of bringing out methods of distribution calculated to benefit all parties concerned.

#### THE INTRODUCING GAME

Where does the Commercial Grower come in? A review of present tactics with some suggestions for better results.

#### WHAT ABOUT PRICES?

Another subject that will be benefited by a discussion and helpful suggestions of principles that bring success in other lines.

#### WORKING FOR THE IDEAL HARDY IRIS

The need and direction from which we can obtain a winter hardy Iris in the finer ranges of type and color.

#### RETICULATAS, REGELIOS AND ONCOCYCLUS IRIS IN MINNESOTA

A review of the experiments made and the success met in bringing these intriguing varieties within the range of the average gardener.

#### AN UNEXPLORED REGION

An account of our work with members of the beardless section—Sibiricas, Spurias, Hexagonias, Versicolor; their possibilities for development and interesting characteristics.

#### WHAT THE ORIGINATORS ARE DOING

Will be resumed and brought down to date with a complete review of the permanent contributions made by the different growers.

#### **GET IRIS WISE**

The above and many other angles of the Iris situation will be fully discussed in the Midsummer bulletin as announced on opposite page. Be sure that you get one.

# "Iris as I bloomed them and as I like them"

Will be written this year covering the full range from earliest to latest. Many interesting things will come in for a full share of attention. The earliest Reticulatas and Junos, the growing list of dwarf bearded forms, the many wonderful and relatively easy to handle Regelio Cyclus, the best forms of Pogo Cyclus far more graceful and beautiful than the weird names would imply.

Then the great pageant of the June flowering tall bearded varieties revealing a positively overwhelming panorama of form and color, an advance and development not equaled by any other flower in an equal period of time.

This booklet will be written with a background of the most comprehensive collection of tall bearded Iris anywhere and an oncoming collection of beardless species and varieties from Vinicolor to Setosa. It will be replete with observations of interest to Iris lovers such as cannot be incorporated in a catalog or price list.

Another feature which will be continued yearly will be a critical comparative evaluation of the new introductions and the more expensive novelties. This will be found very timely and may save you many dollars.

This may become a sizable booklet and will come to you fresh in the season not like the present catalog which must be written from revivified memories during the winter months. It will be written from the Iris lover's viewpoint without commercial boosting motives.

- 1—Sent free with all orders of \$3.00 or over
- 2—Sent for 50c with smaller orders.
- 3—Sold alone for \$1.00 net.

## GENERAL ALPHABETICAL PRICE LIST

#### List of Dwarfs, Species and Beardless Varieties Follows the tall Bearded Varieties

This is intended to serve as a priced alphabetical index for those wishing only to look up price. Each variety is keyed with color group symbol indicating color groups where more descriptive details may be found. (See page reference for color sections at bottom of these pages.)

SPECIAL NOTE—Varieties marked (L) represent limited stock. Those marked (\*) are subject to government release. (See note on page 3 for particulars concerning Iris marked with these symbols.)

	Aareshoarst2C	\$3.50	Argos2C	5.00	Blue Banner1B	15.00
	Abenda2B	.35	Argynnis3C	.50	Blue Bird1B	.25
	Acacia Rose2B	1.00	L Ariadne1A	1.00	Blue Boy1C	.25
	Acheron1C	1.00	Ariel1A	.50	Blue Glory1B	.25
	Ackbar, 19312C		Aristocrat	.50	Blue Jay1B	.25
	Aegir4C	.50	Arlequin2C	.25	Blue Lagoon1B	.25
	Afterglow3B	.25	Arlette4A	1.00	Bluet1A	.25
	Aglaia2A	1.00	Arlington2B	.75	Blue Velvet1B	40.00
	A. J. Muehlig2C	3.00	Armand Clavaud3B	.75	Bolingbroke4A	2.00
	Airy Dream2A	10.00	Arnols2C	.25	Bonita3A	2.00
	Aksarben3B	1.00	Arzani2C	5.00	Bonnie Blue1B	1.50
	Alabaster4A	1.50	Asa3C	3.50	Boreal4A	5.00
	Alameda4B	2.50	Asia1A	.75	Bosniamec4A	.25
	Albert Victor1A	.25	Asphodel1A	3.50	Bourem2C	2.00
	Albicans4A	.50	Astronome		Boy Blue1B	.25
٠.	Alcanna1C	1.00	Nordmann1B	3.50	Boyer2C	.25
*	Alcyon4A	3.00	Athanael2B	5.00	Brandywine1A	.50
	Alcazar1C	.25	Athene4A	.50	Brangaene2C	15.00
	Aldebaran2B	5.00	Auburn2C	3.00	Bravura2C	.75
	Alfheim1C	2.50	Aurea3A	.25	Brenthis1B	.50
	Aliquippa3A	3.50	Aurelle2C	2.00	Brilliant2B	.25
	Allies2C	3.50	Aurifero1A	2.50	Britoness, 19313A	
平	Allure2A	10.00	Aurora2A	.25	Bronzeshield3C	1.00
	Alpenglow1C	1.00	Austin (Mons)2C	.50	Bruno2C	3.50
	Altair2B	5.00	Autocrat1B	.50	Buto1C	5.00
	Alvarado1C	.75	Autumn Glow3A	1.00	B. Y. Morrison4C	.25
	Amador2B	.50	Autumn King1B	.75	Calibee4B	.50
	Amanecer3B	.50	Autumn Queen4A	1.00	California Blue1B Cameliard3B	$\frac{2.50}{7.50}$
	Amas1B	.25	Avalon2A	1.00	Cameo3B	2.00
	Ambassadeur2C	.25	Avator3B	3.00	Camelot4B	.25
	Amber3A	1.00	Azrael1B	$\frac{1.00}{.75}$	Candlelight1A	5.00
	Ambigu2C	.25	Azulado4A		Canopus1C	.75
	Ambrosia4A	$\begin{array}{c} 10.00 \\ 2.50 \end{array}$	Azure1A	.25	Cantilene, 19312C	
	Amerind3B	$\frac{2.50}{2.00}$	Azure Glow1A Azyiade1A	$\begin{array}{c} .25 \\ 5.00 \end{array}$	Canyon Mists2A	2.00
*	Amneries1C Andre Barbier3C	$\frac{2.00}{5.00}$	"A" Yellow3A	.50	C. A. Pfeiffer1C	.25
•	Andre Autissier1A	1.00	Babylon, 19312A	-	Caporal2C	.25
	Andrew Jackson2C	15.00	Balboa1C	.50	Caprice2C	.25
	Andromeda1A	3.50	Balarue4A	.25	Captain Coffin1A	.25
	Angelo1B	.75	Balder3B	.25	Carcanet3A	.50
	Anna Archer1C	1.00	Baldur2C	.75	Cardinal2C	5.00
	Anna Farr4B	.50	Baldwin1C	5.00	Carnation2B	.25
T,	Anndelia4B	10.00	Ballerine1A	.50	Carnival3C	.50
_	Anne Marie	20.00	Bandollero1B	.75	Caroline E. Stringer	
	Cayeux, 19312B		Barcarolle2B	.25	2A	1,00
	Anne Leslie4C	.25	Baronet1A	.50	Carthusian1A	.35
	Anne Bullen1B	1.00	Barrelane2B	.25	Cassandra1C	.75
	Ann Page1A	1.00	Barton Harrington3C	.50	Cassandre2C	10.00
	Anosia2C	.25	Bastien LePage3B	3.00	Cassiopie1C	2.00
	Antares4A	2.00	Beau Ideal4B	.75	Castor (Bunyard)2C	3.50
	Antonio1C	.50	Belcolor Pale4A	.25	Caterina2C	.25
	Apache2C	1.00	Belisaire2B	1.50	Cattleya2A	2.00
	Aphrodite2B	2.00	Bele2B	.50	Cavalier1C	.25
	Apollo, 19311A		Bellatrix2B	3.00	Cecil Minturn2B	.25
	Apricot2B	.50	Belladonna4B	.25	Celeste1A	.25
	Aquamarine1A	.75	Beltane, 19311C		Centurion2C	5.00
	Agarelle, 19311A		Benbow1B	.25	Chalcedony2A	2.00
	Arac1B	1.00	Benrimo1B	1.00	Chalice3A	.25
	Aragon3C	.25	Bertrand1C	1.50	Chartier1C	3.00
	Archeveque1C	.25	Beryl1C	1.00	Chartier4A	$\substack{3.50 \\ .50}$
	Arcturus3B	2.00	Bezant, 19313A	1.00	Charmian1A	1.00
	Argentina4A	1.00	Blanc Bleute4A	1.00	Chasseur3A Chatelet2B	.25
	Argonaut1A	.75	Black Prince1C	.50	Chatelet2D	.20

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	Cherubim2A	.25		Deucallion2B	.25	Felicity2B	15.00
	Chester J. Hunt1B	.25		Diablo2B	.25	Fenella4A	.25
	Chestnut3B	5.00		Diane1A	.50	Feronia2C	.25
	Chianti2B	.50		Dianto2B	.25	Fidelio1B	2.00
	Chief1C	1.00		Dimity4B	.25	L Firegod2C	7.50
	Chlorinda3B	1.00		Dione4A	5.00		
		5.00				Firefall2C	2.50
	Churchmouse3B			Dionyza1A	2.00	Firelight2B	1.00
	Cigale4B	3.50		Distinction2A	.50	Firmament1A	.25
	Cinderella1A	.50		Dolly Madison2A	10.00	Fismes $\dots 3B$	1.50
	Cinnabar1C	5.00		Dolphin1B	.50	Flambeau3A	3.00
	Circe2C	.25		Dominion1C	2.50	Flamingo2B	2.00
	Citronella3C	.75		Don Juan2C	35.00	Flammenschwert3C	.50
		5.00		Don Quixote3B	1.50	Floreal2C	2.50
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	Claridad1A	1.00			.25		.25
•	Claude Aureau3B	35.00		Dorthea1B		Florentina Blue1B	.75
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				Durid3C	5.00	Fra Angelica3B	3.50
	Clyemnestra, 19311A				3.50		
	Cockatoo3A	5.00		Dryade1C		Fragonard2B	7.50
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	Como1B	.50		Duke of York1A	.35	Freelance, 19311B	
	Commodore1B	.50		Dulcinea1A	1.00	Friar Tuck2B	.50
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	Conquistador1B	.75		Dusky Maid3C	.50	Frivolite, 19312A	• • • •
	Coppersmith2C	5.00		E. A. Bowles1B	2.50	Fro3C	.25
	Cordelia2C	.25		Eckesachs1B	.25	Fromentin3B	2.00
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	Corona3A	10.00		Eden Phillpotts 1B	1.00	Gabriel1A	5,00
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	Crimson King2C	.25	~	Eldorado3C	.25	Gaulois3B	3.50
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	Cydnus, 19311A		$-\mathbf{L}$	Eliz. Egelberg2B	25.00	Gen'l. Gallieni1B	2.50
	Cygnet4A	2.00		Elsa1A	3.50	Genghis Khan2C	.50
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	Daffodil, 19313A			Ember2C	1.00	Geo. J. Tribolet2C	2.00
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	Dalmatica1A	.25		Empress4A	.50	Georgiana Tinley2B	2.00
	Damascus, 1931 1B			Enchantment2C	15.00	Gerda3A	.25
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	Daphne4C	.25		Enscorceleur1B	1.50	Germaine Le Clerc2B	.50
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	Darius3B	.25	T.	Erin2C	15.00	Germanica Major1C	.25
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	Dauntless2C	35.00		Esplendido1C	.50	Gertrude1B	.25
	Dawn3A	.25		Esterel2B	10.00	Gertrude Koehler3B	.25
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	Debussy, 19312B			Etoile du Matin4C	2.00	Gladys Roberts2C	.75
	Debutante2C	1.50		Etta3A	.25	Glamour2C	5.00
	Deese1A	1.00		Euphony3B	3.00	Gleam1A	7.50
	Dejah2A	.25		Euphrates, 19311C		Gleam O'Gold1A	1.00
	Dejazet2A	.25		Evadne2B	.75	Gloaming, 19312C	
	Delacroix3B	2.00		Evening Glow1B	5.00	Gloriae1A	3.00
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	Delicatissima2A	.50		Evolution, 19312C		Glowing Embers2C	2.00
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	Depute Nomblat, 1931			Farandolle2B	10.00	Gold Crest1B	.25
				Fascination2B	10.00	Golden Fleece3A	.75
	Demi Deul1C	.25		Fatum1C	2.50	Golden Glory3A	5.00
L	Dessert Gold3A	25.00		Fedalma, 19314B		Golden Harvest3B	7.50
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			Japanesque4B		Leverrier2B	.75
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	Grisette2B	3.50	J. B. Dumas2B	1.00	Libelulle4C	5.00
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	Gules2B	.25	Jean Chevreau3B	.75	Lindbergh1C	3.00
			Jean D'Arc4B	.25		
	Gust. Courbet, 19313B				Lodestar3C	3.50
	Halfdam3A	.50	Jeanne, 19311B		Loelia2B	2.00
	Halo1A	.35	Jennett Dean2A	.25	Lohengrin2B	.25
	Harmony1B	3.50	J. F. Millet, 19313B		Lola1C	1.00
	Harpallion1A	.25	J. J. Dean1B	.50	Lona3B	1.50
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	Havamal3C	2.50	Judith	3.00	Lorna Doone2B	1.00
	Heart of Gold1A	.50	Julia Marlowe2C	2.00	Louis Bel1C	$\frac{1.00}{2.50}$
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L	Henri Riviere3B	10.00	Kashmir White4A	.50	Macrantha1B	.25
	Her Majesty2B	.25	Kashmiriana4A	.50	Madona1A	.50
		1.00	Kathryn Fryer3C	.25		
	Hermione1B				Mady Carriere1A	.25
	Hermosa2B	1.00	Kath. McFarland1C	7.50	Magenta2C	7.50
	Hernani, 19312C		Kath. E. Lees 4B	.25	Magnifica2B	.50
	Herodiade2B	3.50	Katrinka3C	1.00	Magnificent2C	2.50
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				3.50		
	Hesperis2C	1.00	Kestrel1C		Majestic1C	1.00
	Hiawatha2B	.25	Khana, 1931	• • • •	Ma Mie4B	.25
	Hidalgo1A	1.00	Kharput1C	.25	Mandalay1A	.50
	Hilda4B	.25	Khedive1A	.25	Manon4B	1.00
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				25.00		
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	Homer C2C	2.50	King Christian2C	.50	Marc Aureau1A	2.00
$\mathbf{L}$	Honeydrop3B	30.00	King Tut3C	5.00	Margery1A	2.00
	Horace Vernet, 19312B		L Klamath2C	50.00	Marion Mohr1A	1.00
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	Ianthea1C	1.00	La Bohemienne2B	3.00	Marsh Marigold3C	.25
	Ideal1B	1.50	Labor2C	3.50	Marsouin1B	.75
	Iduna4C	1.00	Ladies of Peeling, 1931		Mary Barnett1A	3.00
	Igouf1A	.25	1A			5.00
	Ilsan2C	1.00	Lady Bountiful1C	1.00	Mary Gibson 2A	.50
	Imperator2C	.50	Lady Byng2A	.75	Mary Garden4B	.25
	Impressario2A	5.00	Lady Chas. Allom1B	.50	Mary Orth1B	.50
	Inca3C	.25	Lady Foster1A	.75	Mary Williamson4C	.75
	Indian2B	7.50	Lady Lillian2B	1.50	Massena2A	1.00
	Indian Chief2C	17.50	Lady Lou1A	1.00		1.00
		.25	Lady of June, 19311B			7.50
	Ingeborg4A			2.50		
	Ingress2B	.25	Lady Sackville1B	3.50	Maurice Pritchard4B	.25
	Inner Glow3A	.50	L'Aiglon2C	3.00	Mauvette2A	1.00
	Innocenza4A	.25	Lamia2B	3.50		3.50
	Ion1C	25.00				
			La Mierka4B	3.00	May Morn3B	.50
	Iriscrest1B	10.00	La Navarraise2B	5.00	May Rose2B	.25
	Iris King3C	.25	Lancelot2A	.25		5.00
	Isabey, 19311A		La Neige4A	.25	-	3.00
	Ishtar3B	3.00				
	тышкаг	0.00	La Tendresse1A	.50	Meditation2B	1.00

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Blue—1a, b, c, pages 4 to 7. Pink to Red—2a, b, c, pages 12 to 14. Yellow—3a, b, c, pages 20 and 21. White—4a, b, c, pages 26 and 27.

	Medrano2C	.35	Mrs. Marion Cran2B	2.50	Pallida Varigata1A	.25
	Meissonier3B	3.00	Mrs. Paul B. Riis4C	1.00	Pancroft3B	.25
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	Mentor1C	.75	Mrs. Robert Emmett4A	7.50	Parisiana4B	.25
	Mercedes3B	.50	Mrs. Tinley1B	.35	Parma3B	<b>15.0</b> 0
	Merlin2B	.25	Mrs. Valery West2C	20.00	Paros, 19312C	
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	Messaline2B	5.0 <b>0</b>	Mrs. Walter Brewster		Paul Veronese1B	
	Mestor1C	1.50	1B	.50	Pavane2C	3.50
	M. Hubert3B	.75	Mrs. Wicht3C	5.00	Pearl Blue1A	.25
	Mich. Charriere4A	3.50	Murillo2B	5.00	Peau Rouge2C	1.00
	Midgard2A	5.00	Muscadin3C	.75	Peerless2C	10.0 <b>0</b>
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	Mildred Presby4C	1.00	My Lady4B	1.00	Pendragon1C	1.50
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	Milkyway4A	1.00	Mystery4A	10.00	Perdita1A	2.00
	Milleress1A	.50	Mystic4A	.75	Perfection1C	.25
	Milos, 19311B		Nadia2C	2.50	Periwinkle, 19311B	
	Millet Pere, 19312B		Nadji2C	5.00	Perladonna1B	.50
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	Mimung1A	.50	Nancy Orne2B	.50	Perry's Favorite1C	.25
	Miranda1B	.25	Nanette2C	5.00	Persia1B	30.00
	Mirasol3A	18.00	Naomi2B	3. <b>0</b> 0	Petit Vitrey1C	.25
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	Mme. Chobout3B	.25	Nine Wells2B	.50	Plumed Knight4B	.50
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	Mme. de Sevigne4B	.50	Nothung1A	.50	Pont A. Mousson3B	.25
		2.00		10.00	Prairie Gold3A	2.00
	Mme. Durand3B		Numa Roumestan2C			
	Mme. Henri Cayeux 2C	2.00	Nymph3A	2.00	Primavera3A	.75
	Mme. Janiaud2C	.50	Obediah2B	3.00	Primrose3A	2.00
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	Mme. Vernoux2C				Prince Victor1A	.50
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	Modoc 1C	25.00	Odenvogel3C	2.50	Princess Osra4B	.50
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	Mona1B	1. <b>0</b> 0	Old Gold3B	1.00	Princess Toto 4B	.25
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	Monastir, 19311B	• • • •	Old Ivory4A	1.00	Princess Victoria	
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	Monterey2C	10.00	Oliver Perthuis1C	.25	Proconsul, 19312C	
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	Moonbeam, 19313A		Opal2A	1.00	Proteus1A	3.00
		.75	Opera2C	.25		1.00
	Moonlight4A				Priv. W. A. Logan 1B	
	Moonstone1A	.50	Ophelia3B	5.00	Purissima4A	10.0 <b>0</b>
	Mopsa1B	.50	Ophir Gold3A	.75	Purple Haze1A	5. <b>0</b> 0
	Morning Glory2C	25.00	Oporto2C	.50	Quaker Lady2A	.25
		1.00	Orchid3B	.50		
	Morning Splendour2C				Queen Alexandra2B	.25
	Morwell1A	.50	Oread2C	5.0 <b>0</b>	Queen Caterina1A	.25
	Mother Machree1A	2.50	Oregon Beauty2C	50.00	Queen Flavia3A	.50
	Mother of Pearl2A	.25	Oregon Giant2C	50.00	Queen of May2A	.50
	Mt. Penn2B	.25	Oriental1B	.25	Quinda2C	.50
	Mt. Royal1C	5.0 <b>0</b>	Orion2C	3.50	_	
					Quevera	
	Mrs. Alan Gray2A	.25	Orizaba2C	3.50	Rachel Fox3B	.25
	Mrs. A. S. Hoyt4B	2.50	Othello1C	.25	Raffet1B	.25
	Mrs. Chas. Pearson 2A	.50	Otoe2C	3.50	Ragusa2C	5. <b>0</b> 0
	Mrs. Cowley2C	.25	Ortrud2B	7.50	Rahna1B	2.50
	Mrs. Cuthbertson2C	.50	Osprey1A	25.00		
T					Rajput1B	1.00
L	Mrs. Ed Harding1C	5.00	Our King2B	.75	Rameldo2C	.50
	Mrs. E. T. Vissieux 1C	1.00	Padusoy1C	2.00	Rameses2B	10.00
	Mrs. Hetty Mattson1C	.50	Paladin1B	3.50	Ramona3B	.25
	Mrs. H. F. Bowles3C	.50	Pacific1B	10.00	Realm1A	10.00
	Mrs. Horace Darwin 4A	.25				
			Palaemon, 19311C	• : :	Red Cloud2C	.25
	Mrs. Kingscote2A	.50	Palemon3B	.25	Red Glory2B	.25

Red Riding Hood2B	.25	Seraph, 19313B	• • •	Thorsten1C	1.50
Red Splendour2C	1.00	Serenade2B	5.00	Thrudwang3C	3.50
Redwing2C	5.00	Shalimar1A	.25	Thundercloud3B	.25
	.50	Shasta4A	3.50	Tid-Bit1B	
Regan1C					.25
Regulus2A	5.00	Shalbruz, 19311A	•::	Timur2B	2.00
Rene Cayeux4C	2.00	Shekinah3A	.25	Tintallion4C	.25
Rene Denis3B	10.00	Sherbert3B	.50	Titan1B	2.00
Rene de Laborde4A	5.00	Sherbert II2B	1.50	Titurel1B	.25
		Sherwin Wright3A	.25	Titus2B	
Reverie2A	1.00				.25
Rev. Wurtele2C	.25	Shiawassee2C	5.00	Tocata2B	2.00
Rhadi, 19312A		Shylock1A	3.00	Tom Tit1C	.25
Rhea2A	3.00	Silverado1A	.50	Toreador3B	.25
Rheinfels4B	2.50	Silver Mist1A	.25	Trianon3B	.25
		Silver Queen4A	3.00	Trieste, 19313B	
Rheingauperle2A	1.00				• • • •
Rhein Nixe4C	.25	Silver Ribbon2B	.75	Tristram4C	.25
Rheintochter2C	3.50	Silvie, 1931		Troades2C	.25
Rheintraube1B	.50	Simon Vassiere1A	.75	Trojana1B	.50
Rhodes, 19312C		Simplicity4B	.50	Troost2B	.25
			.25		1.00
Rialgar3C	.50	Sindjka1B		Tropic Seas1C	
Richard II4C	.50	Sir Galahad2B	2.00	Trostringer2A	2.00
Riese Von Comern1B	1.00	Sirius1C	5.00	Trosuperba1B	.50
Ri-Kochi2B	1.00	Sir Michael2C	15.00	Trouvaille4C	3.00
	3.00	Skiathos, 19311C		Troyan3B	1.50
Robert W. Wallace1C			5,00		
Rodney1B	.25	Skitchewawg2B		True Charm4B	.75
Romance2A	15.00	Snowdrift, 19314A		True Delight4B	2.50
Romany3C	.25	Snowhite4A	3.5 <b>0</b>	Turco3B	.50
Romeo3B	.25	Solana3C	.25	Turk4A	.25
		Soledad3A	.25	Tuscany Gold3B	10.00
Romola2B	5.00		5.00		1.00
Rosa Bonheur3B	3.50	Solferine2C		Tuscarora2B	
Rosado2B	1.00	Sonata3B	3.50	27 Avril1C	1.50
Rosalba2C	.25	Sonoma4A	5.00	Tyream2C	2.00
Rose Ash2B	15.00	Sophronia4A	3.50	Uncle Remus2C	5.00
		Sorcerer1C	5.00	Valencia3B	1.00
Rosedale1B	.25	S. de L. Michaud1A	2.00		.35
Rose Madder2C	1.00			Valery Mayet2C	
Rose Petal, 19312B		Spahi1B	.25	Valkyrie3B	2.00
Rose Marie2B	15.00	Sparta, 19311C		Van Cleve1C	3.5 <b>0</b>
Rose Mitchell2B	10.00	Speed1B	.75	Van Dyck1B	2.50
Rose Salterne4B	.25	Srinager1C	1.50	Vanloo, 19314C	
		Stamboul1B	.25	Vanora, 19312C	
Roseway2B	.25				2 00
Rose Unique2B	.25	Stanley H. White3A	.50	Vega1B	2.00
Rosultra2C	5.00	Starlight, 19313A	• • •	Veloute1C	.75
Rota2C	.75	Steepway2B	.25	Venetia1B	1.0 <b>0</b>
Rotorua1A	.25	Striate4B	.50	Vesper Gold3B	3.00
		Stipples4B	2.00	Vert Galant, 19312C	
Rozanna2B	2.00	Stippies	5.00		3.00
Rubyd2C	.25	Storm2C		Vincentio1B	
Ruby Perry2B	.50	Sunbeam3A	5.00	Vingolf3B	.25
Rugajo2B	.25	Sundew3A	5.00	Viking1B	.50
Runstein2C	2.50	Sunlight3A	25.00	Viola1C	.25
Ruth Pfeiffer4B	.35	Sunshine3A	1.00	Viol. Grandiflora1B	.25
		L Surprise1A	10.00	Violet Lake2B	1.50
Ruy Blas2C	5.00				.25
Sacramento4B	$\boldsymbol{25.00}$	Susan Bliss2B	.35	Virginia Hale1A	
Safrano3A	.50	Suz. Autissier1C	.50	Virginia Moore3A	.25
Salome1B	1.00	Suzon2B	.50	Viroy, 19312C	
Salonique4C	.25	Suz. Woolfrey2C	10.00	Vishnu2A	15.00
		Swartara2A	.25	Volumnia1A	2.00
Samite4A	2.00	Swazi1C	5.00	Waldheim2C	.75
Samos, 19312C					
Samothrace, 1931 1B		Sweet Lavender2B	.25	Wallaha2B	.25
San Diego1C	10.00	Syphax4C	.25	Warrior1C	.75
Sandrine, 19312B		Syracuse4A		Watteau3B	.75
San Francisco4B	10.00	Taj Mahal4A	1.00	W. C. Terry1B	1.00
		Tamar2B	.25		2.00
San Gabriel $2\Lambda$	2.00			Wedgewood1B	
San Luis Rey2C	4.00	Tamerlane2C	.25	Western Dream1A	.50
Santa Barbara1A	1.00	Tancred3B	1.00	Western Skies1A	5.00
Sapphid1A	.50	Tangiers3C	.25	Witchery, 19313B	
Sarabande1A	.25	Tansy3A	.50	The state of the s	10.00
		Tarsus, 19312C		White & Gold4A	
Sarah3A	1.00	Tartarin1A	1.00	White Knight4A	.25
Saul3C	.50			White Queen4A	.35
Sea Foam4A	3.50	Tenebrae2C	.75	White Star4A	2.00
Sea Shell2A	1.50	Teniers, 19311B	• • • •		
Segovia1B	.50	Terias2B	.50	Wild Rose2A	.75
Seminole2C	.25	Thais2B	3.50	William Marshall1B	.75
		Thallia1B	.50	William Mohr4B	5.0€
Senatobia2A	2.00				.25
Senlac, 19312C		Thecla2C	.75	Windham2B	
Senorita2A	1.50	Thelma Perry2A	.25	Winona2A	.50
Sensation1A	5.00	Thesus4A	2.00	W. J. Fryer3C	.25
	5.00	Thisbe4A	1.00	Woodland2B	5.00
Sequoiah2C		THE THE TENT OF TH	2.00	,, , , , , , , , , , , , , , , , , , , ,	

#### PAGE REFERENCE TO COLOR SECTIONS

Blue—1a, b, c, pages 4 to 7. Pink to Red—2a, b, c, pages 12 to 14. Yellow—3a, b, c, pages 20 and 21. White—4a, b, c, pages 26 and 27.

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